

SEPTEMBER 25, 2017
7 PM PST / 10 PM EST

RANDALL CARLSON
SACRED GEOMETRY 1.0

Ep. 726

F2B
WITH JIMMY CHURCH



WWW.SACREDGEOMETRYINTERNATIONAL.COM

copyright 2017 fade to black www.jimmychurchradio.com

1
00:00:14,180 --> 00:00:12,460

[Music]

2
00:00:17,940 --> 00:00:14,190

[Applause]

3
00:00:21,620 --> 00:00:17,950

this hope radio for the masses as line

4
00:00:24,290 --> 00:00:21,630

of the July 8 1947

5
00:00:26,659 --> 00:00:24,300

Rezanov start applying there - found

6
00:00:31,179 --> 00:00:26,669

under now in the possession of Yahweh a

7
00:00:34,009 --> 00:00:31,189

new rig changed the game changer I

8
00:00:38,329 --> 00:00:34,019

occasionally think how quickly our

9
00:00:40,970 --> 00:00:38,339

differences worldwide would vanish if we

10
00:00:47,880 --> 00:00:40,980

were facing an alien threat from outside

11
00:00:54,920 --> 00:00:51,030

two black with your host Jimmy church on

12
00:01:08,270 --> 00:00:54,930

the game-changer Radio Network and a GRA

13
00:01:10,790 --> 00:01:08,280

[Music]

14

00:01:15,080 --> 00:01:10,800

you're listening to a tag lag with Jimmy

15

00:01:15,090 --> 00:01:19,810

all right

16

00:01:32,530 --> 00:01:24,969

welcome fade to black the spokes radio

17

00:01:41,200 --> 00:01:32,540

for the masses yeah man you like to act

18

00:01:46,420 --> 00:01:41,210

show my teeth math says yeah man today's

19

00:01:52,180 --> 00:01:46,430

Monday September 25th 268 days into the

20

00:01:53,440 --> 00:01:52,190

new year just 97 days left we are live

21

00:01:55,420 --> 00:01:53,450

from a bunker somewhere in downtown

22

00:01:57,160 --> 00:01:55,430

Burbank California and I would like to

23

00:01:59,340 --> 00:01:57,170

welcome everybody listening all around

24

00:02:01,810 --> 00:01:59,350

the world all across the United States

25

00:02:03,700 --> 00:02:01,820

hither and thither to and fro back and

26
00:02:05,529 --> 00:02:03,710
forth up and down east and west north

27
00:02:09,639 --> 00:02:05,539
and south far and near

28
00:02:12,759 --> 00:02:09,649
this is fade to black for kjc are the

29
00:02:14,470 --> 00:02:12,769
game changer network and kgr a the

30
00:02:16,449 --> 00:02:14,480
planets

31
00:02:19,979 --> 00:02:16,459
I'm Errol shimmy Church what is cracking

32
00:02:22,230 --> 00:02:19,989
everybody survived the end of the world

33
00:02:22,890 --> 00:02:22,240
once again

34
00:02:24,740 --> 00:02:22,900
[Applause]

35
00:02:26,930 --> 00:02:24,750
[Music]

36
00:02:30,140 --> 00:02:26,940
it's a good thing too because tonight we

37
00:02:34,460 --> 00:02:30,150
have very special guest Randall Carlson

38
00:02:41,600 --> 00:02:34,470

is here to give us all a sacred geometry

39

00:02:43,850 --> 00:02:41,610

lesson the 1.0 101 somebody tweeted it's

40

00:02:50,510 --> 00:02:43,860

a good thing it's not 102 right think

41

00:02:52,040 --> 00:02:50,520

about that or 1.01 really looking

42

00:02:53,750 --> 00:02:52,050

forward to this and i'm gonna let

43

00:02:57,230 --> 00:02:53,760

everybody know if you go over to Jimmy

44

00:02:58,580 --> 00:02:57,240

Church radio.com right now depending on

45

00:03:00,350 --> 00:02:58,590

why you're listening from you don't have

46

00:03:03,140 --> 00:03:00,360

to interrupt the broadcast but if you go

47

00:03:05,980 --> 00:03:03,150

over to Jimmy Church radio comm and you

48

00:03:11,690 --> 00:03:05,990

scroll down right there on the homepage

49

00:03:15,530 --> 00:03:11,700

you will see right there I have to do

50

00:03:17,540 --> 00:03:15,540

the scroll down to Randall Carlson down

51
00:03:20,660 --> 00:03:17,550
at the bottom you will see a gallery

52
00:03:22,760 --> 00:03:20,670
button click on the gallery and there

53
00:03:25,040 --> 00:03:22,770
are 16 images there that we are gonna

54
00:03:27,890 --> 00:03:25,050
use for our presentation tonight

55
00:03:31,430 --> 00:03:27,900
also by clicking on the gallery it will

56
00:03:33,470 --> 00:03:31,440
not interrupt the feed how cool is that

57
00:03:35,210 --> 00:03:33,480
it's not going to take you to another

58
00:03:36,560 --> 00:03:35,220
page cancel things out you got to figure

59
00:03:39,530 --> 00:03:36,570
things out you don't have to do that

60
00:03:41,479 --> 00:03:39,540
just do you thing listen to the show

61
00:03:44,600 --> 00:03:41,489
click on the gallery and there it is

62
00:03:47,420 --> 00:03:44,610
there are 16 images there okay simple

63
00:03:51,050 --> 00:03:47,430

enough for those of you that aren't

64

00:03:54,530 --> 00:03:51,060

going to be able to click on the website

65

00:03:57,440 --> 00:03:54,540

for whatever reason fair enough Twitter

66

00:04:00,520 --> 00:03:57,450

we will be posting up each image in

67

00:04:03,380 --> 00:04:00,530

Twitter as the show goes along ok

68

00:04:05,840 --> 00:04:03,390

alright so I don't even you know I've

69

00:04:08,509 --> 00:04:05,850

got Twitter do I need the do I need the

70

00:04:11,000 --> 00:04:08,519

website I don't know I'll leave the

71

00:04:13,460 --> 00:04:11,010

website open we'll see we'll see what I

72

00:04:16,880 --> 00:04:13,470

choose to do tonight welcome everybody

73

00:04:20,300 --> 00:04:16,890

and it's been a very very busy month

74

00:04:22,640 --> 00:04:20,310

here just came off a weekend over at

75

00:04:26,240 --> 00:04:22,650

coast to coast 2 as well no time off we

76

00:04:28,370 --> 00:04:26,250

did yesterday celebrate the ending of

77

00:04:32,000 --> 00:04:28,380

the world that didn't happen and cooked

78

00:04:36,469 --> 00:04:32,010

you know had a very nice cookout over at

79

00:04:40,180 --> 00:04:36,479

the house so I'm rested I'm you know

80

00:04:48,170 --> 00:04:44,270

leftover ribs and corn on the cob the

81

00:04:50,360 --> 00:04:48,180

next day in the microwave I'm just gonna

82

00:04:51,020 --> 00:04:50,370

say I don't think there's anything

83

00:04:55,310 --> 00:04:51,030

better

84

00:04:59,750 --> 00:04:55,320

I mean leftover lasagna good good it's

85

00:05:03,940 --> 00:04:59,760

good in the microwave but man ribs in

86

00:05:07,910 --> 00:05:03,950

the microwave with corn on the cob

87

00:05:09,260 --> 00:05:07,920

leftovers yeah so I'm ready to go today

88

00:05:13,430 --> 00:05:09,270

there's no doubt about it

89

00:05:14,560 --> 00:05:13,440

tomorrow okay get ready for this

90

00:05:18,650 --> 00:05:14,570

tomorrow

91

00:05:22,400 --> 00:05:18,660

Phil Proctor is gonna be here and a fire

92

00:05:25,250 --> 00:05:22,410

sign theater and the you know we're in a

93

00:05:33,020 --> 00:05:25,260

generational gap here okay so for those

94

00:05:36,020 --> 00:05:33,030

of you out there that were how do I just

95

00:05:38,030 --> 00:05:36,030

say this all into the fire sign theater

96

00:05:42,740 --> 00:05:38,040

and all those albums and everything that

97

00:05:46,760 --> 00:05:42,750

went down in the 70s it was a phenomenon

98

00:05:49,760 --> 00:05:46,770

right and and I was one of those so to

99

00:05:53,719 --> 00:05:49,770

have Phil Proctor on this show tomorrow

100

00:05:56,960 --> 00:05:53,729

night to tell us all about it and all of

101
00:06:00,170 --> 00:05:56,970
his experiences and you knew if you were

102
00:06:01,850 --> 00:06:00,180
a fan of fire sign you knew that there

103
00:06:02,570 --> 00:06:01,860
was something esoteric going on behind

104
00:06:05,659 --> 00:06:02,580
the scenes

105
00:06:08,030 --> 00:06:05,669
you knew it well tomorrow we're gonna

106
00:06:11,030 --> 00:06:08,040
find out all of that stuff and he is one

107
00:06:13,010 --> 00:06:11,040
of my heroes and I can't tell you that

108
00:06:14,960 --> 00:06:13,020
countless hours that I sent with

109
00:06:17,750 --> 00:06:14,970
headphones spent with headphones on

110
00:06:19,100 --> 00:06:17,760
listening to fire sign theater so

111
00:06:22,219 --> 00:06:19,110
tomorrow night Phil Proctor's gonna be

112
00:06:24,680 --> 00:06:22,229
here live from Washington DC and that is

113
00:06:28,610 --> 00:06:24,690

going to be a not to miss show he does

114

00:06:30,469 --> 00:06:28,620

not do this kind of thing his movie

115

00:06:33,469 --> 00:06:30,479

career his television career and

116

00:06:37,159 --> 00:06:33,479

everything that he does he's a very very

117

00:06:38,180 --> 00:06:37,169

busy guy very accomplished and and we

118

00:06:40,070 --> 00:06:38,190

could talk about some of that stuff

119

00:06:43,070 --> 00:06:40,080

tomorrow I mean the Rugrats and Toy

120

00:06:45,650 --> 00:06:43,080

Story is all of that that he does the

121

00:06:49,909 --> 00:06:45,660

voices up um and all the video games but

122

00:06:51,570 --> 00:06:49,919

that's now fire sign theater 50 years

123

00:06:55,110 --> 00:06:51,580

right he's

124

00:06:58,110 --> 00:06:55,120

been in the business for 68 and just

125

00:07:00,809 --> 00:06:58,120

just the guy so tomorrow night Phil

126

00:07:02,790 --> 00:07:00,819

Proctor right here on fade to black

127

00:07:05,010 --> 00:07:02,800

Wednesday night Maureen saint-germain is

128

00:07:07,670 --> 00:07:05,020

gonna be here she's got a new book out

129

00:07:10,740 --> 00:07:07,680

which I've got it's called waking up in

130

00:07:14,119 --> 00:07:10,750

5d so we're gonna talk about that so my

131

00:07:19,920 --> 00:07:14,129

favorite subject with Maureen 5d right

132

00:07:23,520 --> 00:07:19,930

1d 2d 3d okay kind of understand that 45

133

00:07:25,980 --> 00:07:23,530

D now we're getting into a zone where we

134

00:07:28,170 --> 00:07:25,990

need to sit and talk with the right

135

00:07:29,520 --> 00:07:28,180

person and that person is Maureen

136

00:07:31,499 --> 00:07:29,530

saint-germain so we're gonna do that

137

00:07:33,209 --> 00:07:31,509

tomorrow night Thursday is another Fator

138

00:07:37,469 --> 00:07:33,219

night with Jon Rappoport and his no more

139

00:07:39,330 --> 00:07:37,479

fake newsroom live and I don't think

140

00:07:41,209 --> 00:07:39,340

tonight we're gonna have time to open up

141

00:07:44,159 --> 00:07:41,219

the lines because it's a history lesson

142

00:07:46,680 --> 00:07:44,169

tonight with Randall Carlson and that

143

00:07:50,369 --> 00:07:46,690

being said take notes because I will

144

00:07:54,230 --> 00:07:50,379

have a pop quiz later okay so don't just

145

00:07:57,869 --> 00:07:54,240

try to phone it in tonight kids new who

146

00:08:00,779 --> 00:07:57,879

know don't try to borrow you know notes

147

00:08:02,490 --> 00:08:00,789

from class from the person sitting next

148

00:08:05,189 --> 00:08:02,500

to you because you want to snooze out

149

00:08:07,829 --> 00:08:05,199

daddy it ain't that kind of party okay

150

00:08:10,680 --> 00:08:07,839

because it's Randall Carlson somebody uh

151
00:08:13,800 --> 00:08:10,690
who I don't know if it was a pose I read

152
00:08:17,070 --> 00:08:13,810
somewhere nobody does good beard like

153
00:08:20,010 --> 00:08:17,080
Randall Carlson it's just laughs that

154
00:08:21,689 --> 00:08:20,020
was very insightful so that's what we're

155
00:08:23,249 --> 00:08:21,699
doing tonight follow us on twitter at

156
00:08:24,600 --> 00:08:23,259
chaser trading a facebook youtube

157
00:08:25,140 --> 00:08:24,610
everything is fade to black you know

158
00:08:27,360 --> 00:08:25,150
what to do

159
00:08:29,100 --> 00:08:27,370
just go follow like and subscribe over

160
00:08:30,659 --> 00:08:29,110
the website click on those little

161
00:08:35,300 --> 00:08:30,669
buttons if you want to hang out on

162
00:08:42,449 --> 00:08:35,310
twitter the sandbox is hashtag f to be

163
00:08:45,720 --> 00:08:42,459

hashtag F to be yeah I see it yep those

164

00:08:47,610 --> 00:08:45,730

ribs looked crazy they were and I don't

165

00:08:49,680 --> 00:08:47,620

know those ribs that I posted yesterday

166

00:08:51,990 --> 00:08:49,690

I don't know if you could tell him the

167

00:08:54,630 --> 00:08:52,000

picture but there they were this big

168

00:08:59,260 --> 00:08:54,640

they were like each rack was two feet

169

00:09:02,530 --> 00:08:59,270

man it was literally that big

170

00:09:04,750 --> 00:09:02,540

ribs all week long all right email

171

00:09:07,060 --> 00:09:04,760

throughout the show Jimmy at Jimmy Turks

172

00:09:10,570 --> 00:09:07,070

radio.com that simple

173

00:09:13,900 --> 00:09:10,580

breaking news Iranian TV right before

174

00:09:17,260 --> 00:09:13,910

showtime tonight Iranian TV released

175

00:09:19,360 --> 00:09:17,270

video footage Friday claiming to show

176

00:09:22,120 --> 00:09:19,370

the launch of a new type of medium-range

177

00:09:24,100 --> 00:09:22,130

ballistic missile a few 1/2 hours after

178

00:09:25,990 --> 00:09:24,110

they displayed it in a parade rights

179

00:09:28,780 --> 00:09:26,000

rolling down the street in the parade on

180

00:09:30,639 --> 00:09:28,790

the back of a truck and then they turn

181

00:09:33,310 --> 00:09:30,649

around and say you know what check it

182

00:09:38,860 --> 00:09:33,320

out we're testing that missile right

183

00:09:41,230 --> 00:09:38,870

well as it turns out they didn't know

184

00:09:43,870 --> 00:09:41,240

and they posted a video too they got

185

00:09:46,840 --> 00:09:43,880

caught they never fired a missile the

186

00:09:50,050 --> 00:09:46,850

video released by the Iranians was more

187

00:09:53,710 --> 00:09:50,060

than seven months old and it dated back

188

00:09:56,199 --> 00:09:53,720

to a failed launch back in January which

189

00:09:59,050 --> 00:09:56,209

resulted in the missile exploding

190

00:10:01,530 --> 00:09:59,060

shortly after takeoff they didn't show

191

00:10:04,960 --> 00:10:01,540

that part of the video they only showed

192

00:10:08,560 --> 00:10:04,970

how dumb do you have to be well it just

193

00:10:09,970 --> 00:10:08,570

turns out there was no and this is you

194

00:10:13,240 --> 00:10:09,980

know it fooled a lot of people including

195

00:10:14,740 --> 00:10:13,250

Trump Trump said you know okay and now

196

00:10:18,180 --> 00:10:14,750

they're working with North Korea which

197

00:10:20,530 --> 00:10:18,190

they probably are for nuclear stuff and

198

00:10:22,930 --> 00:10:20,540

but it just turned out it it was all

199

00:10:25,930 --> 00:10:22,940

bogus okay so we can relax a little bit

200

00:10:29,530 --> 00:10:25,940

there not a whole lot don't totally you

201

00:10:31,690 --> 00:10:29,540

know relax relax but it wasn't a real

202

00:10:33,639 --> 00:10:31,700

missile launch all right don't forget to

203

00:10:37,300 --> 00:10:33,649

subscribe to our podcast we have over

204

00:10:40,030 --> 00:10:37,310

700 archive shows custom apps Apple and

205

00:10:46,569 --> 00:10:40,040

Android everything updated ready to go

206

00:10:48,519 --> 00:10:46,579

all platforms just \$2 a month ok \$2 a

207

00:10:50,440 --> 00:10:48,529

month let's go to Jimmy Turner calm

208

00:10:52,480 --> 00:10:50,450

click on the podcast banner get er done

209

00:10:55,240 --> 00:10:52,490

all the instructions right there or you

210

00:10:57,220 --> 00:10:55,250

can become a fait or not and for that

211

00:10:59,829 --> 00:10:57,230

just go to the membership section on our

212

00:11:02,769 --> 00:10:59,839

website and there's four levels it's

213

00:11:05,800 --> 00:11:02,779

free all the way to gain changer choose

214

00:11:08,240 --> 00:11:05,810

your poison make it happen and if you

215

00:11:13,250 --> 00:11:08,250

want you can even get autographed hats

216

00:11:16,760 --> 00:11:13,260

that's right mmm man I love my River

217

00:11:19,100 --> 00:11:16,770

moon coffee speaking of River moon

218

00:11:22,130 --> 00:11:19,110

coffee all of our sponsors here life

219

00:11:25,100 --> 00:11:22,140

changed he get the t.com River Moon

220

00:11:29,000 --> 00:11:25,110

coffee new farm Aegean new Pharma

221

00:11:31,520 --> 00:11:29,010

ancient life oil sacred skulls right now

222

00:11:32,960 --> 00:11:31,530

sacred skulls 15% off all you got to do

223

00:11:36,380 --> 00:11:32,970

is mention Jimmy or fade to black when

224

00:11:38,710 --> 00:11:36,390

you order Studio dome speakers it's it's

225

00:11:42,290 --> 00:11:38,720

a family here all of our sponsors our

226
00:11:44,780 --> 00:11:42,300
family let's not forget that so by

227
00:11:46,520 --> 00:11:44,790
clicking on those banners by going and

228
00:11:48,620 --> 00:11:46,530
visiting the sponsors by asking

229
00:11:50,090 --> 00:11:48,630
questions and go into new farm and

230
00:11:53,720 --> 00:11:50,100
checking out the science behind their

231
00:11:55,850 --> 00:11:53,730
stuff life changed t the best super

232
00:11:57,980 --> 00:11:55,860
strength life-changing tea in the world

233
00:11:59,900 --> 00:11:57,990
you'll drink it every day for the rest

234
00:12:02,420 --> 00:11:59,910
of your life you only got to do it once

235
00:12:04,160 --> 00:12:02,430
and that's it the addiction starts same

236
00:12:06,950 --> 00:12:04,170
thing with River moon coffee

237
00:12:08,830 --> 00:12:06,960
it only takes once the addiction stars

238
00:12:11,300 --> 00:12:08,840

see we do this on purpose

239

00:12:16,480 --> 00:12:11,310

everybody that's why we choose our

240

00:12:18,320 --> 00:12:16,490

sponsors for addictions yeah all right

241

00:12:20,900 --> 00:12:18,330

everything that you need is right there

242

00:12:23,630 --> 00:12:20,910

support the show okay and go and visit

243

00:12:25,850 --> 00:12:23,640

all of our sponsors let's get this show

244

00:12:28,850 --> 00:12:25,860

crackin happy birthday to today

245

00:12:30,260 --> 00:12:28,860

Will Smith that's right I'm gonna do it

246

00:12:34,780 --> 00:12:30,270

49 years old

247

00:12:40,160 --> 00:12:34,790

Mark Hamill Luke Skywalker today is 66

248

00:12:42,470 --> 00:12:40,170

Michael Douglas is 73 and also today

249

00:12:46,580 --> 00:12:42,480

let's say happy birthday to Heather

250

00:12:50,230 --> 00:12:46,590

Locklear 56 our dick guy's birthday

251
00:12:54,820 --> 00:12:50,240
today is moment of silence please

252
00:12:58,040 --> 00:12:54,830
Christopher Reeve 1952 to 2004

253
00:13:00,020 --> 00:12:58,050
tragically died at the age of 52 he will

254
00:13:00,920 --> 00:13:00,030
always be remembered as Superman and

255
00:13:04,070 --> 00:13:00,930
that's it

256
00:13:07,370 --> 00:13:04,080
right but he was tragically paralyzed in

257
00:13:11,210 --> 00:13:07,380
a 1995 horse riding accident was out

258
00:13:14,120 --> 00:13:11,220
doing his thing and the horse refused to

259
00:13:16,460 --> 00:13:14,130
jump on a third jump stopped he went

260
00:13:18,980 --> 00:13:16,470
over the front of the horse the horse

261
00:13:20,540 --> 00:13:18,990
stopped his arms got tangled up in the

262
00:13:21,810 --> 00:13:20,550
bridle which ripped off the horse that

263
00:13:24,360 --> 00:13:21,820

stopped him he ended up

264

00:13:28,080 --> 00:13:24,370

directly on the top of his head broke

265

00:13:30,390 --> 00:13:28,090

his neck and was paralyzed he received a

266

00:13:33,420 --> 00:13:30,400

Screen Actors Guild Award in 1998 an

267

00:13:36,210 --> 00:13:33,430

Alaska award in 2003 but ended up dying

268

00:13:40,830 --> 00:13:36,220

of an infection and a reaction to

269

00:13:44,400 --> 00:13:40,840

antibiotics on October 10th 2005 in

270

00:13:46,890 --> 00:13:44,410

Mount Kisco New York happy birthday

271

00:13:51,240 --> 00:13:46,900

Christopher Reeve Superman on this day

272

00:13:54,840 --> 00:13:51,250

in history OTD yeah big day The

273

00:13:57,150 --> 00:13:54,850

Partridge Family in 1970 premieres on

274

00:14:02,060 --> 00:13:57,160

ABC television based on the real-life

275

00:14:05,190 --> 00:14:02,070

family band The Cowsills right have you

276

00:14:07,860 --> 00:14:05,200

something in my throat have you you know

277

00:14:09,900 --> 00:14:07,870

seen the documentary family banned by

278

00:14:11,400 --> 00:14:09,910

The Cowsills you've got to check that

279

00:14:14,520 --> 00:14:11,410

out it's one of the great documentary

280

00:14:16,830 --> 00:14:14,530

I've seen the documentary ten times and

281

00:14:18,840 --> 00:14:16,840

I don't do that often it's really that

282

00:14:23,370 --> 00:14:18,850

great of a documentary anyway think

283

00:14:26,520 --> 00:14:23,380

about it Keith Laurie Danny Chris and

284

00:14:28,560 --> 00:14:26,530

Tracey partridge change the world didn't

285

00:14:32,850 --> 00:14:28,570

they and we can't forget mother Shirley

286

00:14:33,270 --> 00:14:32,860

well in my world they dusted the Brady

287

00:14:36,810 --> 00:14:33,280

Bunch

288

00:14:39,660 --> 00:14:36,820

alright fader fact this the state of

289

00:14:44,040 --> 00:14:39,670

South Carolina gave Marilyn Manson

290

00:14:47,430 --> 00:14:44,050

40,000 dollars not to play there Randall

291

00:14:49,950 --> 00:14:47,440

and I were talking over the weekend and

292

00:14:54,330 --> 00:14:49,960

he brought up when we were talking about

293

00:14:57,960 --> 00:14:54,340

the the prophecy right the end of the

294

00:15:02,220 --> 00:14:57,970

world September 23rd the boy who cried

295

00:15:04,290 --> 00:15:02,230

wolf now we all remember the fable don't

296

00:15:06,420 --> 00:15:04,300

we a shepherd boy repeatedly tricks

297

00:15:08,850 --> 00:15:06,430

nearby villagers into thinking wolves

298

00:15:10,770 --> 00:15:08,860

are attacking his flock when the wolf

299

00:15:11,700 --> 00:15:10,780

actually does appear and the boy again

300

00:15:13,860 --> 00:15:11,710

calls for help

301

00:15:16,170 --> 00:15:13,870

well the villagers believe that it's

302

00:15:18,120 --> 00:15:16,180

another false alarm and and the sheep

303

00:15:21,710 --> 00:15:18,130

are eaten by the wolf right and the

304

00:15:26,610 --> 00:15:21,720

moral to the story is simple

305

00:15:31,579 --> 00:15:26,620

it shows how liars are rewarded even if

306

00:15:35,549 --> 00:15:31,589

they tell the truth no one believes them

307

00:15:37,949 --> 00:15:35,559

teachers have used the fable as a

308

00:15:41,069 --> 00:15:37,959

cautionary tale telling that you know

309

00:15:43,079 --> 00:15:41,079

about telling the truth but a recent

310

00:15:45,509 --> 00:15:43,089

educational experiment suggested that

311

00:15:50,279 --> 00:15:45,519

reading the boy who cried wolf increased

312

00:15:52,169 --> 00:15:50,289

the likelihood of lying over the weekend

313

00:15:53,519 --> 00:15:52,179

read it just comes to the bunker are you

314

00:15:56,129 --> 00:15:53,529

okay I've got something in my throat

315

00:15:58,139 --> 00:15:56,139

folks over the weekend we had to get

316

00:16:01,679 --> 00:15:58,149

another prophecy that the world would

317

00:16:03,629 --> 00:16:01,689

end on Saturday September 23rd last week

318

00:16:06,379 --> 00:16:03,639

on fade to black I spoke about some of

319

00:16:10,019 --> 00:16:06,389

the prophecies since the year 1990

320

00:16:11,789 --> 00:16:10,029

prophecies that didn't happen then I did

321

00:16:15,329 --> 00:16:11,799

an end-of-the-world special event over a

322

00:16:17,489 --> 00:16:15,339

coast-to-coast am on of course Saturday

323

00:16:21,299 --> 00:16:17,499

September 23rd and guess what happened

324

00:16:24,839 --> 00:16:21,309

well nothing we did this show and the

325

00:16:28,079 --> 00:16:24,849

world didn't end the really funny thing

326

00:16:30,629 --> 00:16:28,089

for me was that out of all of the calls

327

00:16:34,259 --> 00:16:30,639

I've taken over the last week between

328

00:16:37,409 --> 00:16:34,269

fade to black and coast the number is

329

00:16:40,109 --> 00:16:37,419

like north of a hundred now one caller

330

00:16:43,949 --> 00:16:40,119

said that they believed in the September

331

00:16:47,069 --> 00:16:43,959

23rd prophecy not one nobody said

332

00:16:48,599 --> 00:16:47,079

anything about it now I woke up

333

00:16:49,639 --> 00:16:48,609

yesterday and looked out my bedroom

334

00:16:52,079 --> 00:16:49,649

window

335

00:16:54,029 --> 00:16:52,089

after doing coast on Saturday and

336

00:16:56,689 --> 00:16:54,039

everything looked pretty normal right

337

00:16:59,429 --> 00:16:56,699

shocking I know

338

00:17:03,569 --> 00:16:59,439

no seven headed dragon in the sky

339

00:17:06,149 --> 00:17:03,579

wreaking havoc on humanity nope a couple

340

00:17:10,199 --> 00:17:06,159

of chemtrails maybe but but other than

341

00:17:12,509 --> 00:17:10,209

that there was nothing I wasn't really

342

00:17:16,139 --> 00:17:12,519

expecting anything but you have to

343

00:17:18,840 --> 00:17:16,149

understand you never know right you know

344

00:17:21,899 --> 00:17:18,850

even with me but in this case like any

345

00:17:23,759 --> 00:17:21,909

doomsday prophecy we know the truth we

346

00:17:24,929 --> 00:17:23,769

really do if you think about it but I

347

00:17:31,009 --> 00:17:24,939

had to check anyway

348

00:17:33,149 --> 00:17:31,019

it's the boy who cried wolf now oh

349

00:17:35,159 --> 00:17:33,159

somebody just posted I'll get to that in

350

00:17:40,830 --> 00:17:35,169

a second John I just saw David Meade's

351
00:17:43,619 --> 00:17:40,840
name schmuck you know it's the boy who

352
00:17:44,690 --> 00:17:43,629
cried wolf for real and the problem I

353
00:17:48,590 --> 00:17:44,700
have we have is

354
00:17:52,100 --> 00:17:48,600
actually it's very very simple most

355
00:17:56,300 --> 00:17:52,110
prophecies like this last one are based

356
00:17:59,450 --> 00:17:56,310
on the Bible and in it in the Bible

357
00:18:04,280 --> 00:17:59,460
Jesus himself says and I'm paraphrasing

358
00:18:09,190 --> 00:18:04,290
here but he says nobody will know when

359
00:18:13,250 --> 00:18:09,200
the end will come and for me pretty much

360
00:18:16,780 --> 00:18:13,260
that's the end of the discussion a smart

361
00:18:21,980 --> 00:18:16,790
betting man goes with the baby Jesus and

362
00:18:23,180 --> 00:18:21,990
I'm smart and I like to gamble too but

363
00:18:26,780 --> 00:18:23,190

that's another story for another time

364

00:18:28,160 --> 00:18:26,790

that's a whole nother show so you have

365

00:18:33,860 --> 00:18:28,170

to ask yourself as I do

366

00:18:36,070 --> 00:18:33,870

how can someone today anyone know when

367

00:18:38,870 --> 00:18:36,080

the end of days in a religious sense

368

00:18:42,620 --> 00:18:38,880

know when the doodoo is gonna hit the

369

00:18:47,740 --> 00:18:42,630

fan well according to hey Seuss they

370

00:18:50,800 --> 00:18:47,750

can't and they don't know nothing nada

371

00:18:54,230 --> 00:18:50,810

you don't have to be a religious at all

372

00:18:57,290 --> 00:18:54,240

to be able to say to someone who was

373

00:19:00,920 --> 00:18:57,300

actually buying into this prophecy some

374

00:19:02,480 --> 00:19:00,930

religious person and I get that but you

375

00:19:06,260 --> 00:19:02,490

don't have to be religious to say to

376

00:19:10,040 --> 00:19:06,270

them and I'm quoting here hey do you

377

00:19:12,440 --> 00:19:10,050

believe in what Jesus says or are you

378

00:19:18,050 --> 00:19:12,450

really willing to bet the farm on this

379

00:19:21,890 --> 00:19:18,060

guy who actually knows nothing he

380

00:19:25,190 --> 00:19:21,900

doesn't know anything if you're

381

00:19:29,270 --> 00:19:25,200

religious don't you put Jesus in the

382

00:19:32,630 --> 00:19:29,280

Bible first then some nutjob think about

383

00:19:37,000 --> 00:19:32,640

this for a second to be honest with you

384

00:19:41,570 --> 00:19:37,010

my money's on Jesus it's a safe bet

385

00:19:44,510 --> 00:19:41,580

Vegas style now let's take the things to

386

00:19:46,190 --> 00:19:44,520

the next level stay with me because I'm

387

00:19:49,790 --> 00:19:46,200

being very serious right now

388

00:19:51,830 --> 00:19:49,800

if the four horsemen show up the sea

389

00:19:54,500 --> 00:19:51,840

start boiling the rapture kicks off

390

00:19:58,230 --> 00:19:54,510

earthquakes fire in the sky well two

391

00:20:01,860 --> 00:19:58,240

things come to mind number one

392

00:20:05,430 --> 00:20:01,870

you didn't see it coming nobody did

393

00:20:06,620 --> 00:20:05,440

and - there was nothing you can do about

394

00:20:10,919 --> 00:20:06,630

it

395

00:20:13,820 --> 00:20:10,929

nothing from this point whatever is

396

00:20:17,370 --> 00:20:13,830

going to happen is going to happen

397

00:20:19,740 --> 00:20:17,380

praying ain't gonna fix anything your

398

00:20:23,580 --> 00:20:19,750

life up to this point determines what

399

00:20:25,020 --> 00:20:23,590

happens next right so scratch that find

400

00:20:29,060 --> 00:20:25,030

something better to do with your time

401
00:20:32,580 --> 00:20:29,070
like seriously putting on some sunscreen

402
00:20:35,220 --> 00:20:32,590
you just gotta ride this out take some

403
00:20:38,190 --> 00:20:35,230
pictures post a Facebook live stream

404
00:20:42,570 --> 00:20:38,200
periscope but you can't do anything

405
00:20:45,120 --> 00:20:42,580
about it for me well I just pretty much

406
00:20:47,460 --> 00:20:45,130
want to see Richard Dawkins face as he

407
00:20:53,120 --> 00:20:47,470
looks to the heavens you know Richard

408
00:21:00,240 --> 00:20:53,130
holy crap you mean this stuff is real

409
00:21:03,680 --> 00:21:00,250
huh I'd pay real money for that I'd take

410
00:21:05,970 --> 00:21:03,690
a selfie with Richard the end of days

411
00:21:07,860 --> 00:21:05,980
because he'd be forced into writing out

412
00:21:10,290 --> 00:21:07,870
the whole thing to the bitter end anyway

413
00:21:14,070 --> 00:21:10,300

you know that's called payback but

414

00:21:17,820 --> 00:21:14,080

here's the rub what if somebody got it

415

00:21:21,380 --> 00:21:17,830

right what if somebody actually figures

416

00:21:24,660 --> 00:21:21,390

it out it's the boy who cried wolf

417

00:21:26,820 --> 00:21:24,670

nobody will pay attention at this point

418

00:21:29,970 --> 00:21:26,830

even the most religious of the religious

419

00:21:31,830 --> 00:21:29,980

they are getting tired they'll all let

420

00:21:33,870 --> 00:21:31,840

their guards down think about it and

421

00:21:36,299 --> 00:21:33,880

I'll wake up in the morning I'll look

422

00:21:41,040 --> 00:21:36,309

out the window and I'll see the four

423

00:21:43,440 --> 00:21:41,050

horsemen riding up the street that's

424

00:21:46,799 --> 00:21:43,450

right but it won't be the Bible's

425

00:21:54,419 --> 00:21:46,809

version of the end of days it won't be

426

00:21:58,680 --> 00:21:54,429

Nibiru or Planet X no my money is on Kim

427

00:22:01,799 --> 00:21:58,690

fatty fat riding a donkey and that's the

428

00:22:08,390 --> 00:22:01,809

truth everybody is all worked up I don't

429

00:22:09,539 --> 00:22:08,400

know why people still believe and and

430

00:22:13,200 --> 00:22:09,549

sell

431

00:22:17,159 --> 00:22:13,210

farm quit their jobs and expect somebody

432

00:22:21,749 --> 00:22:17,169

today to know when the end of days is

433

00:22:25,649 --> 00:22:21,759

here that's it I don't get it

434

00:22:29,029 --> 00:22:25,659

my audience is smart the coast audience

435

00:22:32,190 --> 00:22:29,039

is smart The Fader knots are smart

436

00:22:35,129 --> 00:22:32,200

nobody nobody sent me an email going

437

00:22:37,320 --> 00:22:35,139

Church how can you do this how can you

438

00:22:39,960 --> 00:22:37,330

seen this kind of stuff you know we are

439

00:22:40,799 --> 00:22:39,970

really worried man this is have you read

440

00:22:51,930 --> 00:22:40,809

the facts

441

00:22:53,940 --> 00:22:51,940

one one that's it hey man you know what

442

00:22:56,220 --> 00:22:53,950

you said you know I'm fade to black and

443

00:22:58,649 --> 00:22:56,230

and coast to coast man it's blasphemy

444

00:23:01,169 --> 00:22:58,659

you know you need to go and read this is

445

00:23:03,599 --> 00:23:01,179

a seven year prophecy man and this dude

446

00:23:04,470 --> 00:23:03,609

David Meade has got it all later no he

447

00:23:15,869 --> 00:23:04,480

does not

448

00:23:18,029 --> 00:23:15,879

the number 33 you're gonna base

449

00:23:20,759 --> 00:23:18,039

everything on the number 33 and the

450

00:23:24,599 --> 00:23:20,769

eclipse and that he's got it all right

451
00:23:28,609 --> 00:23:24,609
no nothing happened nothing is going to

452
00:23:33,840 --> 00:23:28,619
happen and if it does me doesn't know

453
00:23:36,149 --> 00:23:33,850
nobody knows nobody that's it that's it

454
00:23:39,450 --> 00:23:36,159
and I'm not pooh-poohing on anybody's

455
00:23:42,869 --> 00:23:39,460
religion not blowin on any of that I'm

456
00:23:45,180 --> 00:23:42,879
sayin if you if you trust in the Bible

457
00:23:47,570 --> 00:23:45,190
and you are religious than your your

458
00:23:50,849 --> 00:23:47,580
faith starts and stops at hey Seuss

459
00:23:56,279 --> 00:23:50,859
that's it and we have the boy that cried

460
00:23:58,950 --> 00:23:56,289
wolf so we're stuck completely stuck get

461
00:24:01,169 --> 00:23:58,960
yourself some sunscreen ride this baby

462
00:24:04,680 --> 00:24:01,179
out just live the best life that you can

463
00:24:05,789 --> 00:24:04,690

and that's my words of wisdom for the

464

00:24:09,029 --> 00:24:05,799

day this is fade to black

465

00:24:12,960 --> 00:24:09,039

tonight Randall Carlson is here it is a

466

00:24:14,729 --> 00:24:12,970

sacred geometry 1.0 lesson

467

00:24:18,110 --> 00:24:14,739

take notes kids we're gonna have a pop

468

00:24:19,820 --> 00:24:18,120

quiz a little bit later with prizes

469

00:24:21,980 --> 00:24:19,830

I'm gonna take a short break I'm your

470

00:24:25,580 --> 00:24:21,990

host Jimmy church I'm the game changer

471

00:24:27,019 --> 00:24:25,590

networking kgr a the planet this is fade

472

00:24:29,620 --> 00:24:27,029

to black I'll be right back with our

473

00:25:03,780 --> 00:24:29,630

guest Randall Carlson stay with us

474

00:25:08,540 --> 00:25:06,820

you're listening to Jimmy Church fade to

475

00:25:10,170 --> 00:25:08,550

black

476

00:25:13,150 --> 00:25:10,180

[Music]

477

00:25:16,660 --> 00:25:13,160

fade to black will now pause for aided

478

00:25:24,430 --> 00:25:16,670

identification the station that talks

479

00:25:27,070 --> 00:25:24,440

that kgr a radio when you take the beams

480

00:25:29,650 --> 00:25:27,080

from Central America with dashes of

481

00:25:32,020 --> 00:25:29,660

indonesian and african mixed in and then

482

00:25:32,320 --> 00:25:32,030

roasted to the dark side of fade to

483

00:25:35,970 --> 00:25:32,330

black

484

00:25:38,980 --> 00:25:35,980

you create the ultimate brew of fringe

485

00:25:42,130 --> 00:25:38,990

introducing the fade to black blend from

486

00:25:45,250 --> 00:25:42,140

river moon coffee yes River moons

487

00:25:47,380 --> 00:25:45,260

darkest customized roast was created for

488

00:25:50,410 --> 00:25:47,390

the love of fade to black

489

00:25:53,080 --> 00:25:50,420

the alchemy of masterful roasting and

490

00:25:56,650 --> 00:25:53,090

smoking the beans is in every sip of

491

00:25:59,530 --> 00:25:56,660

this full-bodied dark Java I need my

492

00:26:01,960 --> 00:25:59,540

coffee dog deep with this date

493

00:26:04,690 --> 00:26:01,970

bittersweet chocolate highlights just

494

00:26:07,120 --> 00:26:04,700

like the bunker leaning further into the

495

00:26:10,420 --> 00:26:07,130

darkness of the roast is fade to black

496

00:26:12,070 --> 00:26:10,430

blend from river moon coffee just click

497

00:26:15,370 --> 00:26:12,080

on the banner at Jimmy Church radio.com

498

00:26:20,280 --> 00:26:15,380

and use the promo code F to be blend for

499

00:26:23,500 --> 00:26:20,290

50% off of your order today gobekli tepe

500

00:26:26,260 --> 00:26:23,510

hi folks let's wind the clocks back 60

501
00:26:28,030 --> 00:26:26,270
years food was different food provided

502
00:26:30,250 --> 00:26:28,040
health and nutrition and using

503
00:26:32,920 --> 00:26:30,260
supplements was minimal unfortunately

504
00:26:34,840 --> 00:26:32,930
now we have chemicals GMOs herbicides

505
00:26:37,570 --> 00:26:34,850
and pesticides that can be quite lethal

506
00:26:38,560 --> 00:26:37,580
in the name of our food supply and of

507
00:26:40,600 --> 00:26:38,570
course the ever-loving dollar

508
00:26:42,940 --> 00:26:40,610
supplementing our diets can be very

509
00:26:45,100 --> 00:26:42,950
important to stay healthy cleansing from

510
00:26:47,440 --> 00:26:45,110
daily intruders to the body might be

511
00:26:49,690 --> 00:26:47,450
critical LIVESTRONG and take charge

512
00:26:51,760 --> 00:26:49,700
logon to get the t-dot-com

513
00:26:53,890 --> 00:26:51,770

our herbal tea is a great way to cleanse

514

00:26:56,380 --> 00:26:53,900

from intruders our supplements is a

515

00:26:58,960 --> 00:26:56,390

great way to maintain and improve your

516

00:27:02,710 --> 00:26:58,970

health when your health is not up to par

517

00:27:05,680 --> 00:27:02,720

go to get the t.com no GMOs no fillers

518

00:27:08,260 --> 00:27:05,690

and organic and very helpful in keeping

519

00:27:11,680 --> 00:27:08,270

you at the top of your game life is too

520

00:27:13,930 --> 00:27:11,690

short to feel you know what I mean stay

521

00:27:14,749 --> 00:27:13,940

in the game at the top of your game with

522

00:27:27,439 --> 00:27:14,759

get the

523

00:27:32,810 --> 00:27:27,449

geneticists agreed fade to black

524

00:27:33,949 --> 00:27:32,820

is not your father's radio show on the

525

00:27:41,869 --> 00:27:33,959

GameChanger

526
00:27:43,819 --> 00:27:41,879
Radio Network and kgr a the planets kgr

527
00:27:45,169 --> 00:27:43,829
a this summer tickets and hotel

528
00:27:47,329 --> 00:27:45,179
accommodations to the biggest

529
00:27:49,549 --> 00:27:47,339
conferences autographed books and DVDs

530
00:27:51,559 --> 00:27:49,559
chances to win all-inclusive conference

531
00:27:54,949 --> 00:27:51,569
cruises and private dinners with your

532
00:27:57,589 --> 00:27:54,959
favorite kgr a hosts click the contest

533
00:27:59,719 --> 00:27:57,599
to have a que GRA radio.com for your

534
00:28:01,879 --> 00:27:59,729
chance to win big this summer your

535
00:28:03,349 --> 00:28:01,889
contact for the best alternative talk

536
00:28:09,130 --> 00:28:03,359
radio on the planet

537
00:28:14,000 --> 00:28:11,930
hi this is Rob Reiner from anvil and

538
00:28:18,080 --> 00:28:14,010

you're listening to Jim easier to braid

539

00:28:19,670 --> 00:28:18,090

iam calm whatever this is

540

00:28:22,150 --> 00:28:19,680

combats and we're listening the Jimmy

541

00:28:35,340 --> 00:28:22,160

Church radio

542

00:28:40,810 --> 00:28:38,520

all right welcome back fade to black

543

00:28:43,000 --> 00:28:40,820

i'm your host jimmy church i want to

544

00:28:44,880 --> 00:28:43,010

remind everybody the great week that we

545

00:28:48,970 --> 00:28:44,890

have lined up in front of us

546

00:28:53,260 --> 00:28:48,980

tomorrow night's Phil Proctor of fire

547

00:28:55,150 --> 00:28:53,270

sign theater is here unbelievable

548

00:28:57,220 --> 00:28:55,160

Wednesday night Maureen saint-germain

549

00:29:00,430 --> 00:28:57,230

we're gonna be here talking about waking

550

00:29:01,750 --> 00:29:00,440

up in 5d her new book Thursday night is

551
00:29:03,550 --> 00:29:01,760
another Fator night with Jon Rappoport

552
00:29:05,650 --> 00:29:03,560
and his no more fake newsroom live

553
00:29:11,980 --> 00:29:05,660
followed by open lines all night long

554
00:29:15,730 --> 00:29:11,990
tonight Randall Carlson that's right

555
00:29:19,330 --> 00:29:15,740
sacred geometry 101 1.0 was going down

556
00:29:21,520 --> 00:29:19,340
tonight before I bring on Randall I want

557
00:29:23,890 --> 00:29:21,530
to remind everybody that over at Jupiter

558
00:29:25,600 --> 00:29:23,900
radio comm there is a gallery scroll

559
00:29:27,850 --> 00:29:25,610
down to Randall's

560
00:29:29,860 --> 00:29:27,860
bio right there you'll see it gallery

561
00:29:32,380 --> 00:29:29,870
click on that won't interrupt the show

562
00:29:34,330 --> 00:29:32,390
or anything you can check out the

563
00:29:36,730 --> 00:29:34,340

gallery as we move along through the

564

00:29:39,400 --> 00:29:36,740

show if you are not on the website or if

565

00:29:41,950 --> 00:29:39,410

you're with one of our affiliates or kgr

566

00:29:44,890 --> 00:29:41,960

a wherever you're listening to the show

567

00:29:46,960 --> 00:29:44,900

in syndication go over to Twitter we

568

00:29:47,980 --> 00:29:46,970

will be posting all of the images on

569

00:29:50,260 --> 00:29:47,990

Twitter as well

570

00:29:54,490 --> 00:29:50,270

Randall Carlson is a master builder and

571

00:29:57,100 --> 00:29:54,500

an architectural designer teacher geo

572

00:29:59,110 --> 00:29:57,110

mythologists geological Explorer and

573

00:30:01,090 --> 00:29:59,120

renegade scholar he has four decades of

574

00:30:03,640 --> 00:30:01,100

study research and exploration into the

575

00:30:07,690 --> 00:30:03,650

interface between ancient mysteries and

576

00:30:10,060 --> 00:30:07,700

modern science he has had an active role

577

00:30:11,440 --> 00:30:10,070

as a freemason for 30 years as a past

578

00:30:14,230 --> 00:30:11,450

master of one of the oldest and largest

579

00:30:17,950 --> 00:30:14,240

Masonic lodges in Georgia now the

580

00:30:20,860 --> 00:30:17,960

acclaimed 1997 TBS CNN documentary fire

581

00:30:22,600 --> 00:30:20,870

from the sky was based upon his research

582

00:30:25,480 --> 00:30:22,610

into the earth change and catastrophic

583

00:30:27,940 --> 00:30:25,490

events his work incorporates ancient

584

00:30:30,160 --> 00:30:27,950

mythology astronomy earth science

585

00:30:33,220 --> 00:30:30,170

paleontology symbolism sacred geometry

586

00:30:35,110 --> 00:30:33,230

and architecture geomancy and other

587

00:30:38,350 --> 00:30:35,120

arcane and scientific traditions for

588

00:30:39,870 --> 00:30:38,360

over 25 years he has presented classes

589

00:30:42,310 --> 00:30:39,880

lectures and multimedia program

590

00:30:44,980 --> 00:30:42,320

synthesizing this information for

591

00:30:47,080 --> 00:30:44,990

students of the mysteries now he is

592

00:30:47,440 --> 00:30:47,090

uniquely qualified to interpret they

593

00:30:49,419 --> 00:30:47,450

hidden

594

00:30:51,879 --> 00:30:49,429

meaning of the great masterpieces of

595

00:30:55,600 --> 00:30:51,889

mystical architecture as well as

596

00:31:00,370 --> 00:30:55,610

esoteric and occult ritual and symbolism

597

00:31:02,980 --> 00:31:00,380

it is his aspiration to effect a revival

598

00:31:05,590 --> 00:31:02,990

of that lost knowledge towards the goal

599

00:31:08,139 --> 00:31:05,600

of creating the new world based upon

600

00:31:11,350 --> 00:31:08,149

universal principles of harmony freedom

601
00:31:14,529 --> 00:31:11,360
and spiritual evolution tonight we're

602
00:31:18,460 --> 00:31:14,539
gonna get a sacred geometry a sacred

603
00:31:21,070 --> 00:31:18,470
geometry 101 lesson now take notes kids

604
00:31:22,870 --> 00:31:21,080
there will be a pop quiz later and I got

605
00:31:26,830 --> 00:31:22,880
to tell you Randall it's a mouthful but

606
00:31:29,230 --> 00:31:26,840
I never tire of reading your bio welcome

607
00:31:30,820 --> 00:31:29,240
back to the show well thanks for having

608
00:31:34,509 --> 00:31:30,830
me back Jimmy and putting up with me

609
00:31:37,990 --> 00:31:34,519
again yeah I'm putting up with you it's

610
00:31:39,730 --> 00:31:38,000
called focus focus focus and and Randall

611
00:31:42,700 --> 00:31:39,740
just just thank you for all that you do

612
00:31:47,560 --> 00:31:42,710
and and before we get started

613
00:31:50,799 --> 00:31:47,570

I wanted to ask you this because we

614

00:31:54,000 --> 00:31:50,809

talked over the weekend and your insight

615

00:31:57,700 --> 00:31:54,010

you really opened up my eyes about

616

00:31:59,950 --> 00:31:57,710

prophecies and and why people you know

617

00:32:03,789 --> 00:31:59,960

what what's your take on that why do

618

00:32:07,090 --> 00:32:03,799

people when this end of times biblical

619

00:32:11,320 --> 00:32:07,100

religious stuff surfaces why do people

620

00:32:13,450 --> 00:32:11,330

believe some guy's opinion over what

621

00:32:16,539 --> 00:32:13,460

Jesus said in the Bible which Jesus said

622

00:32:18,190 --> 00:32:16,549

nobody knows anything right but but

623

00:32:21,759 --> 00:32:18,200

people want to believe these prophecies

624

00:32:25,330 --> 00:32:21,769

why do they do that well I think it's I

625

00:32:27,519 --> 00:32:25,340

Nate in our perhaps in our genetic

626
00:32:31,740 --> 00:32:27,529
Constitution in our psychological makeup

627
00:32:34,529 --> 00:32:31,750
because we as a species have suffered

628
00:32:37,659 --> 00:32:34,539
enormous catastrophes before we have

629
00:32:41,250 --> 00:32:37,669
experienced world's coming to an end in

630
00:32:44,830 --> 00:32:41,260
a sense on multiple occasions sometimes

631
00:32:48,730 --> 00:32:44,840
maybe just a regional event that has

632
00:32:50,649 --> 00:32:48,740
wiped out an existing culture or events

633
00:32:52,269 --> 00:32:50,659
that have affected the entire planet

634
00:32:56,049 --> 00:32:52,279
such as the ones that we agreed not to

635
00:32:59,769 --> 00:32:56,059
talk about tonight such as the Younger

636
00:33:00,970 --> 00:32:59,779
Dryas and so on right right but yeah I

637
00:33:03,850 --> 00:33:00,980
think that's part of it

638
00:33:07,630 --> 00:33:03,860

is that yeah our ancestors have

639

00:33:10,750 --> 00:33:07,640

experienced extreme catastrophes that

640

00:33:13,360 --> 00:33:10,760

have pretty much wiped out the world as

641

00:33:15,490 --> 00:33:13,370

they know it and perhaps it's something

642

00:33:17,350 --> 00:33:15,500

that we carry within us I'm not

643

00:33:20,350 --> 00:33:17,360

qualified to speak on whether or not

644

00:33:22,360 --> 00:33:20,360

such traumatic events could be passed

645

00:33:23,470 --> 00:33:22,370

down from generation to generation or

646

00:33:26,950 --> 00:33:23,480

whether it could be something that's

647

00:33:28,990 --> 00:33:26,960

encoded genetically but I think that

648

00:33:34,419 --> 00:33:29,000

that could be a possible explanation for

649

00:33:36,549 --> 00:33:34,429

why people do believe that events like

650

00:33:38,980 --> 00:33:36,559

that could occur now you know if

651
00:33:42,520 --> 00:33:38,990
you look into the work of people like CG

652
00:33:45,460 --> 00:33:42,530
Jung and others Mircea Eliade II and

653
00:33:47,560 --> 00:33:45,470
others who looked at the power of myth

654
00:33:51,810 --> 00:33:47,570
and the power of Dreams and found this

655
00:33:56,200 --> 00:33:51,820
recurrence of imagery redundantly

656
00:33:58,210 --> 00:33:56,210
encoded into these various things that

657
00:34:00,730 --> 00:33:58,220
would represent probably the deepest

658
00:34:03,640 --> 00:34:00,740
aspects of the human psyche they found

659
00:34:06,070 --> 00:34:03,650
evidence of these kinds of phenomena

660
00:34:09,490 --> 00:34:06,080
that that we seem to carry within our

661
00:34:11,580 --> 00:34:09,500
dream world you know scenarios that

662
00:34:15,190 --> 00:34:11,590
could be interpreted as catastrophic

663
00:34:18,510 --> 00:34:15,200

well and you know the yep okay and and

664

00:34:21,790 --> 00:34:18,520

the the issue is a very simple one if

665

00:34:23,770 --> 00:34:21,800

something was going to kick off a

666

00:34:25,810 --> 00:34:23,780

probably there's nothing that we can do

667

00:34:28,869 --> 00:34:25,820

about it you got to write it out no

668

00:34:33,460 --> 00:34:28,879

matter what but the flipside if somebody

669

00:34:36,010 --> 00:34:33,470

actually knew that it was going to

670

00:34:38,349 --> 00:34:36,020

happen after we've lived through so many

671

00:34:40,780 --> 00:34:38,359

different situations of the boy who

672

00:34:43,260 --> 00:34:40,790

cried wolf then nobody's going to do

673

00:34:45,760 --> 00:34:43,270

anything even if somebody got it right

674

00:34:48,040 --> 00:34:45,770

yeah and in our discussion over the

675

00:34:49,720 --> 00:34:48,050

weekend we were talking in and I cited

676
00:34:52,119 --> 00:34:49,730
that you know I wrote an article once

677
00:34:53,830 --> 00:34:52,129
upon a time that's probably I think it's

678
00:34:55,300 --> 00:34:53,840
on the sacred geometry international

679
00:34:56,889 --> 00:34:55,310
website I think it's posted on there

680
00:35:00,310 --> 00:34:56,899
it's called the boy who cried wolf and

681
00:35:01,840 --> 00:35:00,320
it's essentially is that idea and what I

682
00:35:04,270 --> 00:35:01,850
did was I I went through and I

683
00:35:06,220 --> 00:35:04,280
catalogued all the various end of world

684
00:35:08,530 --> 00:35:06,230
predictions that I could find from the

685
00:35:12,370 --> 00:35:08,540
time I was in high school back in the

686
00:35:14,589 --> 00:35:12,380
late 60s and you know

687
00:35:16,599 --> 00:35:14,599
the story the moral of the story is

688
00:35:19,180 --> 00:35:16,609

usually taken that you know if you if

689

00:35:20,620 --> 00:35:19,190

you lie about things too often and even

690

00:35:22,630 --> 00:35:20,630

when you're telling the truth nobody's

691

00:35:25,299 --> 00:35:22,640

going to believe you right but then the

692

00:35:27,009 --> 00:35:25,309

secondary moral of the story is that in

693

00:35:29,620 --> 00:35:27,019

spite of the fact that this boy kept

694

00:35:31,630 --> 00:35:29,630

making up stories and lies about the

695

00:35:33,789 --> 00:35:31,640

wolves eating the Sheep and till finally

696

00:35:36,120 --> 00:35:33,799

nobody believed him anymore when the

697

00:35:39,279 --> 00:35:36,130

real wolf did show up and ate the Sheep

698

00:35:41,499 --> 00:35:39,289

so you know that was that's part of the

699

00:35:42,849 --> 00:35:41,509

scenario is that in spite of the fact

700

00:35:44,799 --> 00:35:42,859

that there's somebody raising all of

701
00:35:47,979 --> 00:35:44,809
these false alarms there is a real wolf

702
00:35:51,880 --> 00:35:47,989
out there somewhere and you know what's

703
00:35:55,089 --> 00:35:51,890
funny before we move on I believe and

704
00:35:57,489 --> 00:35:55,099
and I think that MIT and Caltech and

705
00:36:00,700 --> 00:35:57,499
some of the recent mathematics is

706
00:36:02,769 --> 00:36:00,710
certainly shown Walter cut inton is

707
00:36:05,710 --> 00:36:02,779
certainly showing that there is oh there

708
00:36:08,140 --> 00:36:05,720
is a body out there in space that is you

709
00:36:09,940 --> 00:36:08,150
know having effects on gravity in our

710
00:36:11,920 --> 00:36:09,950
own solar system and interfering with

711
00:36:13,599 --> 00:36:11,930
things and the math says that the only

712
00:36:14,950 --> 00:36:13,609
thing that could be doing this is

713
00:36:18,069 --> 00:36:14,960

something out there that we haven't

714

00:36:21,039 --> 00:36:18,079

found yet Anna biryu a planet acts a

715

00:36:24,160 --> 00:36:21,049

dwarf star a binary star we don't know

716

00:36:25,989 --> 00:36:24,170

what it is but certainly science is

717

00:36:29,170 --> 00:36:25,999

saying that that is real but that

718

00:36:31,690 --> 00:36:29,180

doesn't mean that Nibiru or Planet X is

719

00:36:33,940 --> 00:36:31,700

going to slam into Planet Earth in the

720

00:36:38,829 --> 00:36:33,950

next couple of days weeks months or a

721

00:36:40,630 --> 00:36:38,839

year and that is again part of the

722

00:36:42,489 --> 00:36:40,640

fascination that people have because

723

00:36:44,680 --> 00:36:42,499

science is saying there is something out

724

00:36:46,989 --> 00:36:44,690

there and there have been all of these

725

00:36:49,989 --> 00:36:46,999

predictions about Nibiru and the stories

726
00:36:52,450 --> 00:36:49,999
and the Sumerian texts and the Anunnaki

727
00:36:56,979 --> 00:36:52,460
and we get all of that you know so we're

728
00:36:58,959 --> 00:36:56,989
kind of caught in a paradox - yeah

729
00:37:01,390 --> 00:36:58,969
that's what it would seem like and I you

730
00:37:03,849 --> 00:37:01,400
know I I don't know you know personally

731
00:37:05,319 --> 00:37:03,859
I cannot say that I have any inside

732
00:37:07,690 --> 00:37:05,329
knowledge on the whole question of

733
00:37:09,849 --> 00:37:07,700
whether we're a part of a binary star

734
00:37:12,729 --> 00:37:09,859
system or whether there is or isn't a

735
00:37:15,789 --> 00:37:12,739
Planet X you know I've looked at some of

736
00:37:18,309 --> 00:37:15,799
the data to me it seemed you know it

737
00:37:20,229 --> 00:37:18,319
seemed indefinite to me but there may be

738
00:37:23,109 --> 00:37:20,239

new stuff that I haven't that I haven't

739

00:37:25,150 --> 00:37:23,119

looked at yet but certainly if we are

740

00:37:26,080 --> 00:37:25,160

paying attention to what's going on

741

00:37:28,480 --> 00:37:26,090

right now in

742

00:37:30,790 --> 00:37:28,490

that we can actually see and observe I

743

00:37:33,790 --> 00:37:30,800

mean about once a month we've got a

744

00:37:37,150 --> 00:37:33,800

close flyby of some cosmic debris that's

745

00:37:41,080 --> 00:37:37,160

shooting through space you know we just

746

00:37:42,640 --> 00:37:41,090

had a very large one last month that had

747

00:37:45,670 --> 00:37:42,650

it impacted earth would have caused

748

00:37:47,290 --> 00:37:45,680

extreme devastation so and it's

749

00:37:50,310 --> 00:37:47,300

interesting that astronomers who are

750

00:37:53,640 --> 00:37:50,320

actually looking into near-earth space

751

00:37:57,160 --> 00:37:53,650

and keeping track of the activity are

752

00:37:59,410 --> 00:37:57,170

realizing that yeah near-earth space is

753

00:38:02,560 --> 00:37:59,420

actually quite active with with debris

754

00:38:05,050 --> 00:38:02,570

and you know geologists and planetary

755

00:38:06,940 --> 00:38:05,060

geologists that are looking at the

756

00:38:09,100 --> 00:38:06,950

ground under our feet are discovering

757

00:38:11,520 --> 00:38:09,110

more and more that there is evidence of

758

00:38:14,320 --> 00:38:11,530

these cosmically induced catastrophes

759

00:38:17,740 --> 00:38:14,330

and then of course we have the whole

760

00:38:20,020 --> 00:38:17,750

legacy of mythology when you use the

761

00:38:22,780 --> 00:38:20,030

term geo mythology earlier to talk about

762

00:38:26,650 --> 00:38:22,790

one of my interests which is how ancient

763

00:38:30,010 --> 00:38:26,660

peoples recorded information via myths

764

00:38:34,720 --> 00:38:30,020

that we have believed to tend to believe

765

00:38:37,090 --> 00:38:34,730

that we're you know spurious or based

766

00:38:39,700 --> 00:38:37,100

upon you know a complete lack of

767

00:38:42,070 --> 00:38:39,710

understanding that they were exaggerated

768

00:38:44,140 --> 00:38:42,080

scenarios when we talk about great

769

00:38:46,480 --> 00:38:44,150

floods and fires and so forth which have

770

00:38:48,160 --> 00:38:46,490

been intrinsic to all of these myths

771

00:38:51,790 --> 00:38:48,170

that have come down to us about world

772

00:38:54,040 --> 00:38:51,800

destructions we now know that yes there

773

00:38:56,800 --> 00:38:54,050

have been gigantic catastrophic floods

774

00:38:58,720 --> 00:38:56,810

that have have the capability of wiping

775

00:39:00,640 --> 00:38:58,730

out pretty much everything that somebody

776

00:39:03,250 --> 00:39:00,650

would know now I'm not talking about a

777

00:39:06,400 --> 00:39:03,260

flood on the scale of like the the

778

00:39:08,980 --> 00:39:06,410

typical evangelical Christian who

779

00:39:12,220 --> 00:39:08,990

invokes Noah's Flood as a supernatural

780

00:39:13,780 --> 00:39:12,230

event that submerges the entire planet

781

00:39:15,810 --> 00:39:13,790

I'm not talking about that but I am

782

00:39:19,780 --> 00:39:15,820

talking about floods that could wipe out

783

00:39:21,640 --> 00:39:19,790

vast regions of the planet certainly the

784

00:39:24,490 --> 00:39:21,650

kind of we I think we have discussed on

785

00:39:26,620 --> 00:39:24,500

this show right some of the mega floods

786

00:39:28,690 --> 00:39:26,630

that swept over North America we know

787

00:39:31,120 --> 00:39:28,700

that those same scale of mega floods

788

00:39:32,860 --> 00:39:31,130

have swept over Asia have swept over

789

00:39:35,020 --> 00:39:32,870

Europe whether they're all the same

790

00:39:37,690 --> 00:39:35,030

flood or not I'm not claiming that but

791

00:39:40,090 --> 00:39:37,700

there's certainly enough in magnitude

792

00:39:43,000 --> 00:39:40,100

that anybody has survived

793

00:39:44,800 --> 00:39:43,010

like that could easily believe that the

794

00:39:47,380 --> 00:39:44,810

entire world had been destroyed it would

795

00:39:48,670 --> 00:39:47,390

have no way of knowing for example you

796

00:39:50,530 --> 00:39:48,680

know somebody who'd survived these

797

00:39:51,820 --> 00:39:50,540

events at the end of the last ice age in

798

00:39:53,980 --> 00:39:51,830

North America would have no way of

799

00:39:56,350 --> 00:39:53,990

knowing you know who had survived on the

800

00:39:59,680 --> 00:39:56,360

other side of the planet and so it could

801
00:40:01,870 --> 00:39:59,690
easily engender myths or stories about

802
00:40:03,940 --> 00:40:01,880
the entire world being destroyed and

803
00:40:06,430 --> 00:40:03,950
when we use the term world I think maybe

804
00:40:09,340 --> 00:40:06,440
we differentiate that from planet

805
00:40:11,500 --> 00:40:09,350
because we say world that could

806
00:40:15,340 --> 00:40:11,510
essentially mean you know if there was a

807
00:40:17,470 --> 00:40:15,350
an asteroid impact say tomorrow and it

808
00:40:20,020 --> 00:40:17,480
it which even a small one could

809
00:40:21,550 --> 00:40:20,030
essentially wipe out modern civilization

810
00:40:23,620 --> 00:40:21,560
it wouldn't cause the extinction of

811
00:40:25,570 --> 00:40:23,630
human beings but it could cause the

812
00:40:28,750 --> 00:40:25,580
extinction of modern civilization as we

813
00:40:30,370 --> 00:40:28,760

know it I mean because basically you

814

00:40:32,230 --> 00:40:30,380

could think that even the most advanced

815

00:40:35,920 --> 00:40:32,240

countries only have about six months of

816

00:40:37,990 --> 00:40:35,930

food stockpiled so if you had two years

817

00:40:40,090 --> 00:40:38,000

in a row where there was essentially no

818

00:40:42,640 --> 00:40:40,100

growing season that would end

819

00:40:44,530 --> 00:40:42,650

civilization as we know it and put

820

00:40:47,020 --> 00:40:44,540

people back into the Stone Age and what

821

00:40:49,810 --> 00:40:47,030

it would in effect do is we could say

822

00:40:52,900 --> 00:40:49,820

would be it ended the world as we know

823

00:40:54,400 --> 00:40:52,910

it you see so not didn't destroy the

824

00:40:57,040 --> 00:40:54,410

planet it didn't cause the mass

825

00:40:59,350 --> 00:40:57,050

extinction of humans but it did in the

826
00:41:02,440 --> 00:40:59,360
world in a sense you see what I'm saying

827
00:41:04,360 --> 00:41:02,450
I do and I wanted to ask you this

828
00:41:06,940 --> 00:41:04,370
because we talk about you know floods

829
00:41:10,450 --> 00:41:06,950
and and the earth and you know there's

830
00:41:12,630 --> 00:41:10,460
massive law if all of the ice on both

831
00:41:16,210 --> 00:41:12,640
you know North and South Poles if

832
00:41:19,210 --> 00:41:16,220
everything melted every glacier on every

833
00:41:22,990 --> 00:41:19,220
mountain right if all the ice melted in

834
00:41:27,040 --> 00:41:23,000
the world and flooded into the oceans

835
00:41:29,710 --> 00:41:27,050
and the lakes and the rivers does I mean

836
00:41:32,170 --> 00:41:29,720
the planet doesn't go underwater right

837
00:41:34,300 --> 00:41:32,180
no no no we would it would it would

838
00:41:36,310 --> 00:41:34,310

raise sea levels considerably over a

839

00:41:38,800 --> 00:41:36,320

hundred feet and that would be enough to

840

00:41:40,810 --> 00:41:38,810

drown massive regions of the Earth's

841

00:41:42,400 --> 00:41:40,820

coastline but here's here's the thing

842

00:41:43,870 --> 00:41:42,410

you got a bear in mind if you for

843

00:41:46,330 --> 00:41:43,880

example we're talking the greatest

844

00:41:47,200 --> 00:41:46,340

masses of ice on earth or Antarctica and

845

00:41:49,360 --> 00:41:47,210

Greenland right

846

00:41:51,160 --> 00:41:49,370

if Antarctica melted and this this is

847

00:41:53,260 --> 00:41:51,170

something that we could say is analogous

848

00:41:54,220 --> 00:41:53,270

to what happened you know at the end of

849

00:41:57,160 --> 00:41:54,230

the last ice

850

00:42:00,130 --> 00:41:57,170

you had roughly six million square miles

851
00:42:02,470 --> 00:42:00,140
of North America buried under ice right

852
00:42:04,780 --> 00:42:02,480
when that ice all melted it raised sea

853
00:42:07,660 --> 00:42:04,790
level and drowned several million square

854
00:42:10,420 --> 00:42:07,670
miles of continental coastlines that was

855
00:42:13,150 --> 00:42:10,430
exposed because sea levels were 400 feet

856
00:42:15,609 --> 00:42:13,160
lower right but at the same time it

857
00:42:18,490 --> 00:42:15,619
cleared the ice over half of North

858
00:42:21,430 --> 00:42:18,500
America so what was what was lost in the

859
00:42:23,890 --> 00:42:21,440
rising of the sea level was exponent

860
00:42:27,490 --> 00:42:23,900
effect yeah exposed right because the

861
00:42:30,910 --> 00:42:27,500
ice melted away now riemann ice sheet is

862
00:42:33,370 --> 00:42:30,920
a legacy of the last ice age now and if

863
00:42:35,079 --> 00:42:33,380

I'm just fascinated with the subject and

864

00:42:38,829 --> 00:42:35,089

you're the only guy that I know that I

865

00:42:41,109 --> 00:42:38,839

can ask these questions if if all of the

866

00:42:45,760 --> 00:42:41,119

ice didn't melt wouldn't the weight of

867

00:42:48,910 --> 00:42:45,770

the water in the oceans force the land

868

00:42:51,549 --> 00:42:48,920

to rise in other places too as well I

869

00:42:53,200 --> 00:42:51,559

mean something's got to give right yeah

870

00:42:56,620 --> 00:42:53,210

I think we actually I think had it

871

00:42:59,589 --> 00:42:56,630

discussed that somewhat too because in

872

00:43:02,530 --> 00:42:59,599

in geophysics you have a phenomena

873

00:43:05,349 --> 00:43:02,540

called isostasy which is sort of a

874

00:43:07,750 --> 00:43:05,359

counterpart to continental drift or

875

00:43:09,640 --> 00:43:07,760

plate tectonics which is lateral or

876

00:43:12,549 --> 00:43:09,650

horizontal movement of the Earth's crust

877

00:43:15,190 --> 00:43:12,559

but isostasy is vertical movement and

878

00:43:17,950 --> 00:43:15,200

that has to do with the amount of weight

879

00:43:20,770 --> 00:43:17,960

for example if you go up around Hudson

880

00:43:23,349 --> 00:43:20,780

Bay there are exposed shorelines up

881

00:43:26,440 --> 00:43:23,359

hundreds of feet above present sea level

882

00:43:29,410 --> 00:43:26,450

and that's due to isostatic readjustment

883

00:43:31,660 --> 00:43:29,420

after the unloading of the massive

884

00:43:35,260 --> 00:43:31,670

weight of the ice sheets that covered

885

00:43:38,049 --> 00:43:35,270

North America and my studies in to

886

00:43:40,990 --> 00:43:38,059

oceanography have suggested that you

887

00:43:44,079 --> 00:43:41,000

know you'd have a a counterbalancing

888

00:43:45,880 --> 00:43:44,089

effect on the ocean floors in that the

889

00:43:48,039 --> 00:43:45,890

raising of sea levels would cause some

890

00:43:49,780 --> 00:43:48,049

science of the ocean floors and there is

891

00:43:52,000 --> 00:43:49,790

considerable amount of empirical

892

00:43:55,000 --> 00:43:52,010

evidence to suggest that there has been

893

00:43:58,329 --> 00:43:55,010

major subsidence along the ocean floors

894

00:44:00,339 --> 00:43:58,339

particularly focused along the the ridge

895

00:44:01,510 --> 00:44:00,349

tones that where for example the

896

00:44:04,839 --> 00:44:01,520

mid-atlantic ridge

897

00:44:06,490 --> 00:44:04,849

has there been quite a number of studies

898

00:44:07,750 --> 00:44:06,500

that have suggested that there's been

899

00:44:10,359 --> 00:44:07,760

major sub science

900

00:44:12,970 --> 00:44:10,369

along the mid-atlantic ridge that was

901
00:44:15,010 --> 00:44:12,980
the result of the rapid rise of sea

902
00:44:16,570 --> 00:44:15,020
level due to the melting of ice at the

903
00:44:19,480 --> 00:44:16,580
end of the Ice Age this we're talking

904
00:44:22,480 --> 00:44:19,490
you know between 10 and 14 or 15

905
00:44:24,849 --> 00:44:22,490
thousand years ago roughly so I feel

906
00:44:27,760 --> 00:44:24,859
okay then it's not like we're gonna lose

907
00:44:29,440 --> 00:44:27,770
some coastline but you know if you've

908
00:44:33,849 --> 00:44:29,450
got a house in the mountains you've got

909
00:44:36,160 --> 00:44:33,859
an even better view Plato said you know

910
00:44:38,080 --> 00:44:36,170
when when the end of the world is

911
00:44:39,910 --> 00:44:38,090
brought about by water it's usually the

912
00:44:41,950 --> 00:44:39,920
people who are near the sea level and

913
00:44:44,170 --> 00:44:41,960

the coastlines you get wiped out and

914

00:44:47,470 --> 00:44:44,180

when it's when the world is ended by

915

00:44:49,330 --> 00:44:47,480

fire it's usually the it's usually the

916

00:44:52,480 --> 00:44:49,340

people in the highlands and the

917

00:44:54,490 --> 00:44:52,490

mountains that get wiped out all right

918

00:44:58,240 --> 00:44:54,500

let's move on let's talk some sacred

919

00:45:01,780 --> 00:44:58,250

geometry Randall let's let's actually

920

00:45:04,780 --> 00:45:01,790

start at the very very very very basics

921

00:45:06,790 --> 00:45:04,790

and for everybody get your pens out and

922

00:45:10,270 --> 00:45:06,800

this is this is how we're gonna do this

923

00:45:18,099 --> 00:45:10,280

Randall I want to start with this what

924

00:45:20,200 --> 00:45:18,109

is sacred geometry well it's I like to

925

00:45:24,609 --> 00:45:20,210

say that it's it's baby it is geometry

926
00:45:27,940 --> 00:45:24,619
as we know it except geometry that we

927
00:45:32,080 --> 00:45:27,950
have learned in school derived mostly

928
00:45:37,570 --> 00:45:32,090
from the work of Euclid is essentially a

929
00:45:40,180 --> 00:45:37,580
body of definitions axioms propositions

930
00:45:45,640 --> 00:45:40,190
and theorems by which we start with the

931
00:45:50,400 --> 00:45:45,650
simplest forms a point in space align a

932
00:45:53,290 --> 00:45:50,410
surface and then we progress or evolve

933
00:45:56,170 --> 00:45:53,300
towards ever more complicated forms and

934
00:46:01,270 --> 00:45:56,180
relationships within that there is no

935
00:46:03,370 --> 00:46:01,280
other meaning you know juxtaposed onto

936
00:46:05,890 --> 00:46:03,380
these forms in the images of geometry in

937
00:46:07,599 --> 00:46:05,900
sacred geometry you can say what

938
00:46:09,870 --> 00:46:07,609

differentiates that is that there is a

939

00:46:14,050 --> 00:46:09,880

symbolic or component as well a

940

00:46:17,170 --> 00:46:14,060

philosophical component to it it would

941

00:46:20,109 --> 00:46:17,180

draw upon the same principles as as

942

00:46:21,430 --> 00:46:20,119

Euclidean geometry with the addition of

943

00:46:24,700 --> 00:46:21,440

this

944

00:46:27,190 --> 00:46:24,710

other dimension of meaning to it which

945

00:46:30,430 --> 00:46:27,200

is the symbolical component of it the

946

00:46:32,260 --> 00:46:30,440

philosophical and also the way it

947

00:46:35,290 --> 00:46:32,270

perhaps has been utilized through the

948

00:46:38,650 --> 00:46:35,300

ages you know the term sacred geometry

949

00:46:42,640 --> 00:46:38,660

the earliest that I was able to find the

950

00:46:45,550 --> 00:46:42,650

the use of that term in English was a

951

00:46:49,080 --> 00:46:45,560

two-volume set I think was back that

952

00:46:53,280 --> 00:46:49,090

came out to 1930s by George lesser who

953

00:46:55,540 --> 00:46:53,290

examined the geometry used by medieval

954

00:46:58,530 --> 00:46:55,550

ecclesiastical architects you know the

955

00:47:01,750 --> 00:46:58,540

the builders of the great cathedrals and

956

00:47:05,680 --> 00:47:01,760

so he coined the term sacred geometry

957

00:47:08,140 --> 00:47:05,690

because it was particularly applicable

958

00:47:11,080 --> 00:47:08,150

to the design and building of these

959

00:47:14,770 --> 00:47:11,090

sacred structures it of course has been

960

00:47:16,510 --> 00:47:14,780

broadened beyond ecclesiastical

961

00:47:19,660 --> 00:47:16,520

architecture the Middle Ages to include

962

00:47:21,430 --> 00:47:19,670

all kinds of other things but what's

963

00:47:24,310 --> 00:47:21,440

interesting is that when you get into it

964

00:47:27,130 --> 00:47:24,320

you realize that the system that was

965

00:47:29,620 --> 00:47:27,140

used in the Middle Ages was a derivative

966

00:47:31,900 --> 00:47:29,630

of much earlier systems that go back

967

00:47:33,580 --> 00:47:31,910

that were employed by the Greeks that

968

00:47:36,580 --> 00:47:33,590

were employed by the Egyptians that were

969

00:47:39,970 --> 00:47:36,590

employed by the Babylonians by the

970

00:47:44,140 --> 00:47:39,980

megalithic builders of stone structures

971

00:47:46,950 --> 00:47:44,150

in the British Isles we also find the

972

00:47:50,740 --> 00:47:46,960

same patterns and the same relationships

973

00:47:52,570 --> 00:47:50,750

incorporated into you know what we would

974

00:47:55,270 --> 00:47:52,580

call new world architecture in North

975

00:47:57,040 --> 00:47:55,280

America we find examples of monumental

976
00:47:59,310 --> 00:47:57,050
earthwork architectures it seems to

977
00:48:02,470 --> 00:47:59,320
display the same principles and

978
00:48:04,890 --> 00:48:02,480
essentially the the usage of it involves

979
00:48:08,530 --> 00:48:04,900
a laying out on the ground of a template

980
00:48:11,800 --> 00:48:08,540
and then the with starting with very

981
00:48:14,470 --> 00:48:11,810
simple geometric principles such as

982
00:48:17,050 --> 00:48:14,480
placing a stake in the ground or a

983
00:48:19,150 --> 00:48:17,060
vertical pole and tracking the motion of

984
00:48:21,970 --> 00:48:19,160
the Sun in order to generate a series of

985
00:48:24,990 --> 00:48:21,980
angles right um a rope could then be

986
00:48:28,780 --> 00:48:25,000
stretched or a chain a linked chain

987
00:48:32,260 --> 00:48:28,790
could be stretched from that pole to

988
00:48:34,870 --> 00:48:32,270

sweep out arcs curves

989

00:48:35,230 --> 00:48:34,880

lines and points of intersection and so

990

00:48:38,590 --> 00:48:35,240

forth

991

00:48:41,710 --> 00:48:38,600

on the ground and typically if you have

992

00:48:43,690 --> 00:48:41,720

ever seen like say a barn raising where

993

00:48:46,800 --> 00:48:43,700

the where the vertical walls are built

994

00:48:49,420 --> 00:48:46,810

on the ground and it raised up yeah so a

995

00:48:51,450 --> 00:48:49,430

similar principle would be employed so

996

00:48:54,310 --> 00:48:51,460

that you know once you've laid out the

997

00:48:56,500 --> 00:48:54,320

geometric template on the ground that

998

00:48:58,660 --> 00:48:56,510

would then be used to generate all of

999

00:49:02,890 --> 00:48:58,670

the architectural components of the

1000

00:49:04,359 --> 00:49:02,900

structure so that the the the elevations

1001
00:49:07,090 --> 00:49:04,369
of the structure were related

1002
00:49:10,780 --> 00:49:07,100
geometrically to the ground plan of the

1003
00:49:14,020 --> 00:49:10,790
structure so to make it simple I think

1004
00:49:16,840 --> 00:49:14,030
what we would say is that it's in the

1005
00:49:19,930 --> 00:49:16,850
fact that the forms of geometry a square

1006
00:49:23,080 --> 00:49:19,940
a circle and ellipse a triangle were

1007
00:49:25,810 --> 00:49:23,090
given philosophical and symbolic or

1008
00:49:30,120 --> 00:49:25,820
connotations and in the employment of

1009
00:49:33,609 --> 00:49:30,130
those those figures in those patterns

1010
00:49:36,220 --> 00:49:33,619
towards specifically structures that we

1011
00:49:38,710 --> 00:49:36,230
would identify as sacred built for a

1012
00:49:41,500 --> 00:49:38,720
sacred purpose whether it was a temple

1013
00:49:44,230 --> 00:49:41,510

or a cathedral or whether it was a

1014

00:49:45,940 --> 00:49:44,240

standing stone ring and what's

1015

00:49:48,099 --> 00:49:45,950

interesting about this is once you begin

1016

00:49:50,620 --> 00:49:48,109

to understand the underlying geometry

1017

00:49:52,840 --> 00:49:50,630

you realize that the outer forms can be

1018

00:49:56,830 --> 00:49:52,850

virtually infinite but underlying those

1019

00:49:59,440 --> 00:49:56,840

outer forms is a consistency of of

1020

00:50:01,690 --> 00:49:59,450

pattern and relationship that all can be

1021

00:50:05,230 --> 00:50:01,700

generated from such things as the

1022

00:50:06,820 --> 00:50:05,240

intersection of two circles which when

1023

00:50:11,470 --> 00:50:06,830

we start looking at some of the images

1024

00:50:14,470 --> 00:50:11,480

and talking about those the listeners

1025

00:50:17,109 --> 00:50:14,480

can see how the the very fundamental

1026

00:50:19,690 --> 00:50:17,119

operations would begin and these

1027

00:50:22,030 --> 00:50:19,700

fundamental operations were universal so

1028

00:50:25,000 --> 00:50:22,040

you know the idea of a vertical pole as

1029

00:50:27,880 --> 00:50:25,010

a sacred Center was found on all

1030

00:50:31,390 --> 00:50:27,890

continents throughout for thousands of

1031

00:50:33,880 --> 00:50:31,400

years so I think that that's kind of

1032

00:50:36,070 --> 00:50:33,890

what differentiates sacred geometry from

1033

00:50:39,460 --> 00:50:36,080

secular geometry which is what most

1034

00:50:42,880 --> 00:50:39,470

people would be aware of but what I've

1035

00:50:44,950 --> 00:50:42,890

tried to inculcate the idea is that you

1036

00:50:47,470 --> 00:50:44,960

know you do have even sacred geometry

1037

00:50:49,180 --> 00:50:47,480

it's a very rigorous study and when I

1038

00:50:52,270 --> 00:50:49,190

have taught sacred geometry and

1039

00:50:55,319 --> 00:50:52,280

classes and workshops I've pretty much I

1040

00:50:57,819 --> 00:50:55,329

go through the whole program of Euclid

1041

00:50:59,650 --> 00:50:57,829

starting with the very simplest forms

1042

00:51:03,309 --> 00:50:59,660

and then moving to ever more complex

1043

00:51:06,069 --> 00:51:03,319

first the generating the polygons then

1044

00:51:08,500 --> 00:51:06,079

from the polygons the various polyhedra

1045

00:51:11,170 --> 00:51:08,510

are going up from two dimensions to

1046

00:51:13,809 --> 00:51:11,180

three dimensions and it's it's a very

1047

00:51:16,270 --> 00:51:13,819

rigorous study some people seem to think

1048

00:51:18,609 --> 00:51:16,280

that it's you know a lot of whoo but it

1049

00:51:20,650 --> 00:51:18,619

does require if you really want to get

1050

00:51:22,930 --> 00:51:20,660

into it and be able to apply it to real

1051
00:51:25,720 --> 00:51:22,940
things such as building or architecture

1052
00:51:29,559 --> 00:51:25,730
or art or sculpture or anything like

1053
00:51:32,559 --> 00:51:29,569
that it's a very rigorous study the the

1054
00:51:36,160 --> 00:51:32,569
entry I discovered a couple of years ago

1055
00:51:39,069 --> 00:51:36,170
that there's a website called rational

1056
00:51:41,530 --> 00:51:39,079
wiki and on there basically there they

1057
00:51:44,829 --> 00:51:41,540
have my entry says that Randall Carlson

1058
00:51:46,480 --> 00:51:44,839
and his sacred geometry woo is all over

1059
00:51:48,540 --> 00:51:46,490
the internet and I thought well now

1060
00:51:51,970 --> 00:51:48,550
that's a pretty in-depth understanding

1061
00:51:56,460 --> 00:51:51,980
of a very complex subject that you know

1062
00:51:59,290 --> 00:51:56,470
worthy of really some of the most

1063
00:52:02,170 --> 00:51:59,300

venerated scholarship over the years

1064

00:52:07,030 --> 00:52:02,180

well you know if you made it to rational

1065

00:52:09,190 --> 00:52:07,040

wiki you're a success I just sneezed

1066

00:52:12,190 --> 00:52:09,200

live on the air Randall we have two

1067

00:52:15,790 --> 00:52:12,200

minutes before the break and okay and

1068

00:52:19,720 --> 00:52:15,800

and what about those that see sacred

1069

00:52:23,890 --> 00:52:19,730

geometry and assume or think that there

1070

00:52:27,490 --> 00:52:23,900

may be something occult or hidden also

1071

00:52:31,329 --> 00:52:27,500

in architecture through geometry that is

1072

00:52:33,790 --> 00:52:31,339

there in secret well there's an element

1073

00:52:36,609 --> 00:52:33,800

of truth to that because you know as has

1074

00:52:38,559 --> 00:52:36,619

been says Victor Hugo said and it's true

1075

00:52:41,770 --> 00:52:38,569

you know the Gothic cathedrals are text

1076

00:52:43,450 --> 00:52:41,780

books in stone and if you know it's

1077

00:52:45,280 --> 00:52:43,460

secret in the sense that if at the

1078

00:52:47,470 --> 00:52:45,290

average person picked up a book on

1079

00:52:49,630 --> 00:52:47,480

astrophysics and opened it up and

1080

00:52:50,859 --> 00:52:49,640

started reading it it's going to be over

1081

00:52:54,069 --> 00:52:50,869

their heads and they're not going to get

1082

00:52:55,900 --> 00:52:54,079

it you know it in the same way if you

1083

00:52:59,500 --> 00:52:55,910

don't have the key to understanding if

1084

00:53:02,079 --> 00:52:59,510

you have not mastered the fundamentals

1085

00:53:03,040 --> 00:53:02,089

it's going to be secret because you're

1086

00:53:05,020 --> 00:53:03,050

not going to be able

1087

00:53:08,080 --> 00:53:05,030

to understand the symbolism and it is

1088

00:53:10,960 --> 00:53:08,090

symbolism that's encoded into these

1089

00:53:14,350 --> 00:53:10,970

structures and you know think about

1090

00:53:17,710 --> 00:53:14,360

secrecy Jim is Jimmy is that you know

1091

00:53:19,750 --> 00:53:17,720

for many ages there were times when you

1092

00:53:22,300 --> 00:53:19,760

know there was only politically approved

1093

00:53:23,940 --> 00:53:22,310

knowledge and ideas that were accepted

1094

00:53:27,430 --> 00:53:23,950

and if you went outside the bounds of

1095

00:53:31,060 --> 00:53:27,440

accepted ideas you are a heretic and

1096

00:53:33,820 --> 00:53:31,070

possibly subject to all kinds of bad

1097

00:53:37,660 --> 00:53:33,830

consequences including torture and death

1098

00:53:39,880 --> 00:53:37,670

if you know if is probably the worst but

1099

00:53:41,560 --> 00:53:39,890

the idea there and this is you know what

1100

00:53:43,720 --> 00:53:41,570

I try to tell people too about the idea

1101

00:53:47,290 --> 00:53:43,730

of Masonic secrecy there's no real

1102

00:53:49,990 --> 00:53:47,300

Masonic secrecy the secrecy is part of

1103

00:53:52,960 --> 00:53:50,000

several things one is that there have

1104

00:53:55,240 --> 00:53:52,970

been times when being a known freemason

1105

00:53:57,490 --> 00:53:55,250

could have been a death sentence or you

1106

00:54:00,370 --> 00:53:57,500

know it could have brought the charges

1107

00:54:02,050 --> 00:54:00,380

of heresy and so you had people who were

1108

00:54:05,200 --> 00:54:02,060

trying to perpetuate certain knowledge

1109

00:54:07,090 --> 00:54:05,210

and certain ideas and it went against

1110

00:54:08,620 --> 00:54:07,100

the the authoritarian political

1111

00:54:10,750 --> 00:54:08,630

structures of the time so it had to be

1112

00:54:13,120 --> 00:54:10,760

perpetuated in secret and really the

1113

00:54:15,070 --> 00:54:13,130

word occult is loaded with all kinds of

1114

00:54:17,740 --> 00:54:15,080

connotations but really all it means is

1115

00:54:19,450 --> 00:54:17,750

hidden and there was a very practical

1116

00:54:22,630 --> 00:54:19,460

reason for why one wanted to hide

1117

00:54:24,190 --> 00:54:22,640

knowledge during certain eras we we hide

1118

00:54:26,320 --> 00:54:24,200

knowledge today you know there are

1119

00:54:28,000 --> 00:54:26,330

certain things that you know people

1120

00:54:30,250 --> 00:54:28,010

who've been sworn to secrecy who've

1121

00:54:32,170 --> 00:54:30,260

taken this vow that they will not reveal

1122

00:54:34,060 --> 00:54:32,180

classified information if they reveal

1123

00:54:36,190 --> 00:54:34,070

that classified information they get

1124

00:54:39,970 --> 00:54:36,200

into a lot of trouble let's take a break

1125

00:54:41,590 --> 00:54:39,980

right here our guests Randall Carlson oh

1126
00:54:43,510 --> 00:54:41,600
we're gonna do it all tonight everybody

1127
00:54:47,710 --> 00:54:43,520
so just get ready this is sacred

1128
00:54:49,540 --> 00:54:47,720
geometry 101 right now with Randall and

1129
00:54:51,730 --> 00:54:49,550
Randall when we come back let's get

1130
00:54:53,880 --> 00:54:51,740
started we'll start I'm gonna tell

1131
00:54:56,350 --> 00:54:53,890
everybody we're starting with a dot

1132
00:54:59,920 --> 00:54:56,360
Randall gets it and you will when we

1133
00:55:01,100 --> 00:54:59,930
return I'm Jimmy Church this is fade to

1134
00:55:16,390 --> 00:55:01,110
black stay with us

1135
00:55:21,870 --> 00:55:19,130
[Music]

1136
00:55:24,380 --> 00:55:21,880
this is fade to black with Jimmy Church

1137
00:55:28,610 --> 00:55:24,390
on the game changer radio network and

1138
00:55:31,920 --> 00:55:28,620

kgr a the global radio alliance

1139

00:55:35,250 --> 00:55:31,930

this is KCRA digital broadcasting

1140

00:55:45,420 --> 00:55:35,260

station Salt Lake City Utah Van Buren

1141

00:55:47,100 --> 00:55:45,430

Arkansas hi this is Ray sobs here

1142

00:55:49,470 --> 00:55:47,110

repping the planet and you're listening

1143

00:55:51,750 --> 00:55:49,480

to my good friend Jimmy Church

1144

00:55:54,570 --> 00:55:51,760

fade to black on the game changer

1145

00:55:58,800 --> 00:55:54,580

network and the kgr a digital broadcast

1146

00:56:12,400 --> 00:55:58,810

station this is Toby Kebbell you're

1147

00:56:12,410 --> 00:56:21,230

[Music]

1148

00:56:28,710 --> 00:56:25,140

ancient life oil life changing the real

1149

00:56:31,320 --> 00:56:28,720

oil CBD is truly ancient life oil from

1150

00:56:33,900 --> 00:56:31,330

the source this oil has no psychoactive

1151

00:56:36,540 --> 00:56:33,910

effect and is also legal in all 50

1152

00:56:38,820 --> 00:56:36,550

states when you're healthy you're happy

1153

00:56:41,130 --> 00:56:38,830

the truth about this wonderful plan is

1154

00:56:44,490 --> 00:56:41,140

that it wants to give back to mankind

1155

00:56:47,580 --> 00:56:44,500

life longevity and happiness ancient

1156

00:56:49,500 --> 00:56:47,590

life oil our golden grain all organic

1157

00:56:52,770 --> 00:56:49,510

non-gmo and infused with high-quality

1158

00:56:56,220 --> 00:56:52,780

liquid coconut oil it's simple just go

1159

00:57:00,330 --> 00:56:56,230

to ancient life oil calm today that's

1160

00:57:04,230 --> 00:57:00,340

ancient life oil dot-com the best purest

1161

00:57:06,870 --> 00:57:04,240

organic and non-gmo CBD in the world

1162

00:57:08,070 --> 00:57:06,880

go back Lee tapi the statements made

1163

00:57:09,060 --> 00:57:08,080

regarding these products have not been

1164

00:57:10,320 --> 00:57:09,070

evaluated by the Food and Drug

1165

00:57:11,640 --> 00:57:10,330

Administration these products are not

1166

00:57:13,470 --> 00:57:11,650

intended to diagnose treat cure or

1167

00:57:14,790 --> 00:57:13,480

prevent any disease please consult your

1168

00:57:15,930 --> 00:57:14,800

health care professional about potential

1169

00:57:20,000 --> 00:57:15,940

interactions or other possible

1170

00:57:24,120 --> 00:57:20,010

complications before using any product

1171

00:57:25,790 --> 00:57:24,130

what's up phaidor knots studio dum loves

1172

00:57:28,460 --> 00:57:25,800

fade to black and

1173

00:57:30,350 --> 00:57:28,470

to be audience as so much that they have

1174

00:57:32,750 --> 00:57:30,360

put together the ultimate stereo

1175

00:57:36,380 --> 00:57:32,760

Bluetooth system they've done it just

1176

00:57:39,950 --> 00:57:36,390

for you man check this out the studio

1177

00:57:43,850 --> 00:57:39,960

dome SBB two stereo system is here it's

1178

00:57:46,580 --> 00:57:43,860

featuring two studio boombox two SBB two

1179

00:57:48,980 --> 00:57:46,590

wireless Bluetooth speakers pack in its

1180

00:57:51,380 --> 00:57:48,990

own custom hardshell case this studio

1181

00:57:54,290 --> 00:57:51,390

dome system features the very latest in

1182

00:57:57,620 --> 00:57:54,300

stereo bluetooth technology the two full

1183

00:58:00,140 --> 00:57:57,630

range boom boxes are in true wireless

1184

00:58:02,390 --> 00:58:00,150

stereo you've got to hear this it's

1185

00:58:05,030 --> 00:58:02,400

amazing it's just a hundred and twenty

1186

00:58:08,410 --> 00:58:05,040

nine bucks and use the promo code JC r

1187

00:58:11,210 --> 00:58:08,420

TW s and you'll also get free shipping

1188

00:58:13,880 --> 00:58:11,220

it's simple just go to Jimmy Church

1189

00:58:17,530 --> 00:58:13,890

radio.com click on the studio dome

1190

00:58:19,940 --> 00:58:17,540

banner gobekli tepe

1191

00:58:21,560 --> 00:58:19,950

this is my two Hanks of the graylien

1192

00:58:23,960 --> 00:58:21,570

report and you're listening to jimmy

1193

00:58:25,790 --> 00:58:23,970

church on fade to black across the globe

1194

00:58:29,210 --> 00:58:25,800

on the game-changer radio network and

1195

00:58:37,530 --> 00:58:29,220

the one and only kgr a radio the planet

1196

00:58:52,500 --> 00:58:48,799

[Music]

1197

00:58:53,609 --> 00:58:52,510

all right welcome back fade to black I'm

1198

00:58:55,920 --> 00:58:53,619

here should be Church on the game

1199

00:58:59,309 --> 00:58:55,930

changer Network and K GRA the planet you

1200

00:59:02,450 --> 00:58:59,319

can follow me on twitter at JDO simple

1201

00:59:04,859 --> 00:59:02,460

enough randall sacred geometry

1202

00:59:07,620 --> 00:59:04,869

international is the twitter handle

1203

00:59:10,529 --> 00:59:07,630

there okay Randall let's let's let's

1204

00:59:12,569 --> 00:59:10,539

kick things off here and before we get

1205

00:59:15,870 --> 00:59:12,579

to the images I'd said right at the

1206

00:59:18,019 --> 00:59:15,880

break that we would start with a dot

1207

00:59:22,470 --> 00:59:18,029

let's start there

1208

00:59:24,900 --> 00:59:22,480

well of course whenever you engage in a

1209

00:59:27,420 --> 00:59:24,910

geometric construction the first thing

1210

00:59:30,720 --> 00:59:27,430

you do is you place a compass on your on

1211

00:59:32,400 --> 00:59:30,730

your paper and that represents the dot

1212

00:59:35,370 --> 00:59:32,410

in whether it's you know the compass

1213

00:59:38,970 --> 00:59:35,380

placed on the paper or the pole or staff

1214

00:59:41,700 --> 00:59:38,980

said into the ground the idea was that

1215

00:59:45,539 --> 00:59:41,710

there was a point that it all emanates

1216

00:59:48,539 --> 00:59:45,549

from there was a an anonymous 18th

1217

00:59:51,630 --> 00:59:48,549

century masonic author who said ante

1218

00:59:55,170 --> 00:59:51,640

omnia punctum eschaton which means

1219

00:59:58,910 --> 00:59:55,180

before all things there was a point and

1220

01:00:00,960 --> 00:59:58,920

that's kind of also a cosmological idea

1221

01:00:03,960 --> 01:00:00,970

that the universe began with a

1222

01:00:05,970 --> 01:00:03,970

singularity sir you know Eve yes and I'm

1223

01:00:08,579 --> 01:00:05,980

not prepared to say what existed before

1224

01:00:12,329 --> 01:00:08,589

the singularity but the idea again is

1225

01:00:16,079 --> 01:00:12,339

that everything emanated from this ultra

1226
01:00:20,640 --> 01:00:16,089
concentrated point that represented all

1227
01:00:23,789 --> 01:00:20,650
things in the Kabbalah they call it that

1228
01:00:28,529 --> 01:00:23,799
that simsim that the whole emanation of

1229
01:00:32,819 --> 01:00:28,539
creation is generated from this Zemzem

1230
01:00:34,950 --> 01:00:32,829
which is the the the absolute point the

1231
01:00:38,339 --> 01:00:34,960
dimensionless dot in the midst of the

1232
01:00:39,779 --> 01:00:38,349
absolute the which is understood in the

1233
01:00:42,599 --> 01:00:39,789
Kabbalistic system to be the

1234
01:00:45,569 --> 01:00:42,609
condensation or distillation of God's

1235
01:00:48,329 --> 01:00:45,579
essence first appears against the

1236
01:00:50,069 --> 01:00:48,339
background of negative existence but

1237
01:00:52,650 --> 01:00:50,079
this background is separated from the

1238
01:00:55,410 --> 01:00:52,660

absolute and it is this separation that

1239

01:00:59,370 --> 01:00:55,420

forms the initial act of manifestation

1240

01:01:02,520 --> 01:00:59,380

when you engage in the the act of sacred

1241

01:01:05,550 --> 01:01:02,530

geometry the clean white paper

1242

01:01:07,950 --> 01:01:05,560

represents the negative existence the

1243

01:01:10,890 --> 01:01:07,960

placing of the compass onto that paper

1244

01:01:13,560 --> 01:01:10,900

in that single sharp point of the

1245

01:01:15,960 --> 01:01:13,570

compass placed onto the paper is that

1246

01:01:20,520 --> 01:01:15,970

first differentiation because now you

1247

01:01:22,320 --> 01:01:20,530

have the vast unlimited negative

1248

01:01:25,530 --> 01:01:22,330

existence and now within that you have

1249

01:01:28,530 --> 01:01:25,540

this ultimate point which contains

1250

01:01:32,220 --> 01:01:28,540

within it inherent all of creation you

1251

01:01:35,310 --> 01:01:32,230

know it's funny you with what you do

1252

01:01:38,790 --> 01:01:35,320

with architecture and and your gig right

1253

01:01:41,130 --> 01:01:38,800

your life you know exactly what that

1254

01:01:44,340 --> 01:01:41,140

represents because I did the same thing

1255

01:01:46,470 --> 01:01:44,350

I you know I was a draftsman and in a

1256

01:01:49,050 --> 01:01:46,480

graphic artist for years and I know the

1257

01:01:50,430 --> 01:01:49,060

importance of starting everything with a

1258

01:01:53,250 --> 01:01:50,440

compass on a piece of paper no matter

1259

01:01:55,410 --> 01:01:53,260

where you're gonna go you're gonna put

1260

01:01:58,470 --> 01:01:55,420

that compass point at a very specific

1261

01:02:01,280 --> 01:01:58,480

spot and then everything generates from

1262

01:02:04,230 --> 01:02:01,290

there and it's an easy thing to

1263

01:02:06,270 --> 01:02:04,240

visualize but you're absolutely right do

1264

01:02:09,030 --> 01:02:06,280

you think about that now today when you

1265

01:02:11,040 --> 01:02:09,040

start to work you probably a CAD guy now

1266

01:02:13,740 --> 01:02:11,050

but everything started with the compass

1267

01:02:16,110 --> 01:02:13,750

doesn't it yes it does and really even

1268

01:02:18,390 --> 01:02:16,120

though you're doing CAD on computers the

1269

01:02:20,610 --> 01:02:18,400

concepts are still the same the methods

1270

01:02:22,920 --> 01:02:20,620

are very much dissimilar the first thing

1271

01:02:26,760 --> 01:02:22,930

that I will do if I'm laying out a plan

1272

01:02:29,160 --> 01:02:26,770

I use architectural software the first

1273

01:02:32,340 --> 01:02:29,170

thing I do when I lay out a plan is I

1274

01:02:35,370 --> 01:02:32,350

establish my my zero point zero zero

1275

01:02:39,150 --> 01:02:35,380

that represents the zero point on the x

1276

01:02:42,720 --> 01:02:39,160

y&z axes and I always start that just

1277

01:02:44,970 --> 01:02:42,730

because of Masonic tradition I always

1278

01:02:47,400 --> 01:02:44,980

place that in the northeast corner of

1279

01:02:48,750 --> 01:02:47,410

the structure because in Freemasonry the

1280

01:02:50,790 --> 01:02:48,760

idea was at least in the northern

1281

01:02:52,800 --> 01:02:50,800

hemisphere the northeast corner of any

1282

01:02:55,200 --> 01:02:52,810

structure will always be the darkest and

1283

01:02:56,850 --> 01:02:55,210

so the idea is when you lay out the

1284

01:02:59,370 --> 01:02:56,860

structure or you build the structure

1285

01:03:01,170 --> 01:02:59,380

from that northeast corner the structure

1286

01:03:03,390 --> 01:03:01,180

is emerging from the ground from that

1287

01:03:06,600 --> 01:03:03,400

point that is established there it is

1288

01:03:09,930 --> 01:03:06,610

emerging and it is moving outwards from

1289

01:03:12,840 --> 01:03:09,940

the region of darkness into the region

1290

01:03:15,180 --> 01:03:12,850

of light so it has symbolic again sorry

1291

01:03:18,990 --> 01:03:15,190

this idea of symbolism

1292

01:03:21,480 --> 01:03:19,000

that prevails so much in the operations

1293

01:03:25,400 --> 01:03:21,490

of sacred geometry so that's what I do

1294

01:03:28,319 --> 01:03:25,410

when I'm laying out a design in the

1295

01:03:30,780 --> 01:03:28,329

software that I use I always establish

1296

01:03:33,359 --> 01:03:30,790

that zero point with on the on the

1297

01:03:35,579 --> 01:03:33,369

coordinate system and then I build the

1298

01:03:38,520 --> 01:03:35,589

structure from there and then when we

1299

01:03:40,890 --> 01:03:38,530

produce the plans from that the plans

1300

01:03:43,470 --> 01:03:40,900

are handed over to the demand in the

1301

01:03:45,210 --> 01:03:43,480

field and then they proceed to lay it

1302

01:03:47,280 --> 01:03:45,220

out so what they will do is they will

1303

01:03:49,470 --> 01:03:47,290

drive a stake into the ground that

1304

01:03:51,300 --> 01:03:49,480

represents that northeast corner then

1305

01:03:54,809 --> 01:03:51,310

they will drive a nail into the top of

1306

01:03:57,180 --> 01:03:54,819

the stake so that now we have a very

1307

01:03:59,490 --> 01:03:57,190

small point relative to the whole

1308

01:04:01,380 --> 01:03:59,500

structure that's about to be built that

1309

01:04:03,599 --> 01:04:01,390

nails that's in the wooden stake that's

1310

01:04:08,250 --> 01:04:03,609

driven in the ground defines the precise

1311

01:04:10,079 --> 01:04:08,260

corner when we are on the you know Indy

1312

01:04:13,530 --> 01:04:10,089

in the process of building a structure

1313

01:04:16,440 --> 01:04:13,540

we work to a one-eighth inch margin of

1314

01:04:18,210 --> 01:04:16,450

error when we get to the more finish

1315

01:04:20,609 --> 01:04:18,220

work the trim work that kind of thing

1316

01:04:24,599 --> 01:04:20,619

and we're working to a finer or a 1/16

1317

01:04:25,950 --> 01:04:24,609

or even 1/32 of an inch but for most you

1318

01:04:27,960 --> 01:04:25,960

know structural works if you're working

1319

01:04:31,260 --> 01:04:27,970

to within and within a one-eighth of an

1320

01:04:33,390 --> 01:04:31,270

inch you're you're close enough so what

1321

01:04:37,020 --> 01:04:33,400

you can then do is you can hook a line

1322

01:04:38,880 --> 01:04:37,030

onto that nail and then you can use that

1323

01:04:41,040 --> 01:04:38,890

like typically will have a fiberglass

1324

01:04:43,680 --> 01:04:41,050

tape that has you know foot in inch

1325

01:04:46,380 --> 01:04:43,690

increments on it and we can hook that

1326
01:04:48,660 --> 01:04:46,390
tape onto the nail and then stretch out

1327
01:04:51,809 --> 01:04:48,670
from there and pull off let's say we're

1328
01:04:54,240 --> 01:04:51,819
building a structure that's got a wall a

1329
01:04:57,329 --> 01:04:54,250
side length of 40 feet so then we will

1330
01:05:00,210 --> 01:04:57,339
hook our our fiberglass tape onto that

1331
01:05:01,740 --> 01:05:00,220
nail and we will pull off 40 feet and

1332
01:05:04,859 --> 01:05:01,750
then we'll mark that in the ground and

1333
01:05:08,069 --> 01:05:04,869
we will actually use some of the very

1334
01:05:10,230 --> 01:05:08,079
same principles and methods to lay it

1335
01:05:13,319 --> 01:05:10,240
out on the ground as you would to draw

1336
01:05:15,390 --> 01:05:13,329
the thing on paper except our compass is

1337
01:05:19,260 --> 01:05:15,400
now you know the stake that's in the

1338
01:05:21,630 --> 01:05:19,270

ground and is the the measuring we don't

1339

01:05:23,819 --> 01:05:21,640

use a rope anymore we use up like I said

1340

01:05:27,510 --> 01:05:23,829

a fiberglass measuring tape but

1341

01:05:28,859 --> 01:05:27,520

basically it's the same the same methods

1342

01:05:30,239 --> 01:05:28,869

that are used you know

1343

01:05:34,700 --> 01:05:30,249

it's fascinating with that as I'm

1344

01:05:36,839 --> 01:05:34,710

listening to you how concerned are you

1345

01:05:40,160 --> 01:05:36,849

you know starting in the northeast

1346

01:05:42,720 --> 01:05:40,170

corner if you're building a structure a

1347

01:05:45,359 --> 01:05:42,730

Masonic Lodge or a house it doesn't

1348

01:05:48,299 --> 01:05:45,369

matter or a commercial building and you

1349

01:05:51,029 --> 01:05:48,309

need to build that facing north and east

1350

01:05:55,859 --> 01:05:51,039

and have it correct how concerned are

1351
01:05:57,989 --> 01:05:55,869
you with accuracy do always concerned

1352
01:05:59,509 --> 01:05:57,999
with accuracy now of course what I just

1353
01:06:03,180 --> 01:05:59,519
described is an ideal situation

1354
01:06:06,180 --> 01:06:03,190
sometimes sometimes you just can't do it

1355
01:06:08,489 --> 01:06:06,190
because of the topography or the

1356
01:06:12,239 --> 01:06:08,499
vegetation or you know whatever there

1357
01:06:14,880 --> 01:06:12,249
might be there that you can't you know

1358
01:06:17,940 --> 01:06:14,890
mimic the process precisely so you have

1359
01:06:19,829 --> 01:06:17,950
to adapt now but highways we're working

1360
01:06:22,019 --> 01:06:19,839
like I said we're working to within you

1361
01:06:24,630 --> 01:06:22,029
know if you're working on structures it

1362
01:06:26,759 --> 01:06:24,640
might be 40 or 60 or 100 feet on its

1363
01:06:30,180 --> 01:06:26,769

side you know we're working to an eighth

1364

01:06:32,579 --> 01:06:30,190

of an inch of accuracy and and now that

1365

01:06:34,829 --> 01:06:32,589

you know all of this and especially with

1366

01:06:36,210 --> 01:06:34,839

modern technology I don't want to jump

1367

01:06:38,910 --> 01:06:36,220

ahead but I just want to stay focused

1368

01:06:42,479 --> 01:06:38,920

here with the with the Great Pyramid

1369

01:06:45,089 --> 01:06:42,489

being 1/6 of one degree to true do

1370

01:06:49,019 --> 01:06:45,099

magnetic north how impressed are you

1371

01:06:52,140 --> 01:06:49,029

with that oh I'm totally impressed by

1372

01:06:54,150 --> 01:06:52,150

that because now I think a modern

1373

01:06:57,210 --> 01:06:54,160

surveyor could go out and lay that out

1374

01:07:00,180 --> 01:06:57,220

with the same degree of accuracy using

1375

01:07:02,249 --> 01:07:00,190

modern equipment now it's one thing to

1376

01:07:05,779 --> 01:07:02,259

lay that out but then to you know

1377

01:07:08,069 --> 01:07:05,789

assemble 2.3 million stone blocks and

1378

01:07:10,319 --> 01:07:08,079

because I can I know that there's

1379

01:07:13,380 --> 01:07:10,329

there's even in my experience you know

1380

01:07:16,529 --> 01:07:13,390

there's a difference between you know

1381

01:07:18,769 --> 01:07:16,539

starting out laying something out in a

1382

01:07:22,470 --> 01:07:18,779

theoretical level and then actually

1383

01:07:25,829 --> 01:07:22,480

implementing that that that design in

1384

01:07:28,499 --> 01:07:25,839

three dimensions using materials and you

1385

01:07:31,650 --> 01:07:28,509

know subject to all of the the vagaries

1386

01:07:34,140 --> 01:07:31,660

of trying to work with within time and

1387

01:07:35,849 --> 01:07:34,150

space you know so you know if we were we

1388

01:07:38,249 --> 01:07:35,859

work when would a lot we work in

1389

01:07:40,349 --> 01:07:38,259

concrete a lot will work with steel

1390

01:07:42,660 --> 01:07:40,359

somewhat but you know in all of those

1391

01:07:43,890 --> 01:07:42,670

there are limitations especially when

1392

01:07:46,530 --> 01:07:43,900

you're working with more natural

1393

01:07:49,020 --> 01:07:46,540

materials so if you're working with wood

1394

01:07:51,960 --> 01:07:49,030

for example you've got to be prepared to

1395

01:07:56,070 --> 01:07:51,970

realize that discrepancies are going to

1396

01:07:58,920 --> 01:07:56,080

creep in between the time you establish

1397

01:08:01,680 --> 01:07:58,930

that initial point that fishel corner

1398

01:08:04,650 --> 01:08:01,690

and the time you you know you hoist the

1399

01:08:05,880 --> 01:08:04,660

ridge beam and close the structure up so

1400

01:08:08,490 --> 01:08:05,890

you know there's all kinds of

1401

01:08:10,560 --> 01:08:08,500

opportunities for slight discrepancies

1402

01:08:12,780 --> 01:08:10,570

to creep in and they do they even the

1403

01:08:15,780 --> 01:08:12,790

best yeah even the best craftsmen are

1404

01:08:17,600 --> 01:08:15,790

going to admit that yeah it's there's a

1405

01:08:21,450 --> 01:08:17,610

little bit of a deviation between the

1406

01:08:23,850 --> 01:08:21,460

the idealized plan and the final

1407

01:08:27,240 --> 01:08:23,860

completed real-world structure yeah

1408

01:08:29,160 --> 01:08:27,250

because even if we we don't know how the

1409

01:08:31,170 --> 01:08:29,170

pyramids were built or who or what or

1410

01:08:33,360 --> 01:08:31,180

when we don't know that but the basic

1411

01:08:36,270 --> 01:08:33,370

principles a stake in the ground with

1412

01:08:39,060 --> 01:08:36,280

with some string or rope and you know

1413

01:08:41,640 --> 01:08:39,070

probably they started the same thing

1414

01:08:45,420 --> 01:08:41,650

maybe even in the northeast corner right

1415

01:08:50,100 --> 01:08:45,430

and and but but they did it over you

1416

01:08:52,500 --> 01:08:50,110

know 13 acres right right it's so it

1417

01:08:54,000 --> 01:08:52,510

it's profoundly impressive it that's one

1418

01:08:56,280 --> 01:08:54,010

of the things you know when you look at

1419

01:08:58,730 --> 01:08:56,290

it it's like it's just sewing consists

1420

01:09:02,730 --> 01:08:58,740

there that's the glaring inconsistency

1421

01:09:06,540 --> 01:09:02,740

with our models of prehistory right okay

1422

01:09:08,310 --> 01:09:06,550

let's back up okay so so we have the

1423

01:09:11,850 --> 01:09:08,320

single point what's the next step in the

1424

01:09:14,640 --> 01:09:11,860

sacred geometry well then it would be

1425

01:09:16,350 --> 01:09:14,650

you know proceeding to lay out the

1426

01:09:19,890 --> 01:09:16,360

geometric forms and it usually would

1427

01:09:21,570 --> 01:09:19,900

start with drawing a circle once you've

1428

01:09:23,430 --> 01:09:21,580

established the point now what we'll do

1429

01:09:25,320 --> 01:09:23,440

and imagine this has been done

1430

01:09:27,720 --> 01:09:25,330

traditionally because I've seen you know

1431

01:09:30,570 --> 01:09:27,730

hieroglyphs and stuff showing the

1432

01:09:32,490 --> 01:09:30,580

architects of old using a plumb bob but

1433

01:09:34,470 --> 01:09:32,500

what we'll do is we'll start and we'll

1434

01:09:36,840 --> 01:09:34,480

establish you know what a plumb bob is

1435

01:09:39,240 --> 01:09:36,850

and it's tapers to a sharp point we'll

1436

01:09:42,600 --> 01:09:39,250

use that plumb bob to establish where

1437

01:09:45,360 --> 01:09:42,610

exactly you know you put the nail now

1438

01:09:48,330 --> 01:09:45,370

what we do is when we start a project we

1439

01:09:50,850 --> 01:09:48,340

lay the whole project out in string so

1440

01:09:53,670 --> 01:09:50,860

we set up outside the boundaries of the

1441

01:09:55,890 --> 01:09:53,680

structure or the building we erect what

1442

01:09:57,080 --> 01:09:55,900

are called batter boards and these are

1443

01:09:59,189 --> 01:09:57,090

basically

1444

01:10:00,780 --> 01:09:59,199

stakes driven to the ground with

1445

01:10:02,580 --> 01:10:00,790

horizontal boards on them that are

1446

01:10:06,120 --> 01:10:02,590

typically about three or four feet above

1447

01:10:09,569 --> 01:10:06,130

the ground and we will actually lay out

1448

01:10:12,330 --> 01:10:09,579

in string the the perimeter of the

1449

01:10:14,939 --> 01:10:12,340

structure and then what we can do is we

1450

01:10:17,790 --> 01:10:14,949

remove those strings but they're

1451

01:10:20,850 --> 01:10:17,800

basically unwrapped from one of the

1452

01:10:23,250 --> 01:10:20,860

batter boards wrapped onto one of the

1453

01:10:25,439 --> 01:10:23,260

others and the batter boards we will

1454

01:10:27,270 --> 01:10:25,449

make little notches in them so that the

1455

01:10:29,790 --> 01:10:27,280

string when it's pulled it goes into

1456

01:10:32,100 --> 01:10:29,800

that notch and the knotch is just a

1457

01:10:34,740 --> 01:10:32,110

little soccer that's 1/8 of an inch wide

1458

01:10:37,109 --> 01:10:34,750

and the string fits nicely in that and

1459

01:10:39,209 --> 01:10:37,119

then we can take the string down we can

1460

01:10:42,060 --> 01:10:39,219

do our work and then we'll stretch the

1461

01:10:43,799 --> 01:10:42,070

string back in order to determine the

1462

01:10:45,149 --> 01:10:43,809

accuracy of our work the first thing of

1463

01:10:47,430 --> 01:10:45,159

course when you're building any

1464

01:10:49,439 --> 01:10:47,440

structure is the footings because just

1465

01:10:51,149 --> 01:10:49,449

like any person you're standing on the

1466

01:10:52,919 --> 01:10:51,159

ground if you didn't have any feet on

1467

01:10:54,899 --> 01:10:52,929

the bottom of your legs Jimmy you

1468

01:10:58,470 --> 01:10:54,909

wouldn't be very stable would you right

1469

01:11:00,750 --> 01:10:58,480

so in any building starts with footings

1470

01:11:03,359 --> 01:11:00,760

and we put those footings in and the

1471

01:11:06,120 --> 01:11:03,369

footings are usually concrete they're

1472

01:11:08,760 --> 01:11:06,130

steel reinforced concrete and what we do

1473

01:11:11,370 --> 01:11:08,770

is we'll have the string we'll mark the

1474

01:11:15,030 --> 01:11:11,380

outer line the outer edge of the

1475

01:11:18,030 --> 01:11:15,040

building or structural face then we will

1476

01:11:19,890 --> 01:11:18,040

establish by hanging a plumb bob off the

1477

01:11:21,660 --> 01:11:19,900

string we can determine where that

1478

01:11:24,209 --> 01:11:21,670

building line is going to be and where

1479

01:11:26,520 --> 01:11:24,219

we have to place our footings and once

1480

01:11:28,709 --> 01:11:26,530

the footings are placed we create the

1481

01:11:31,859 --> 01:11:28,719

foundation walls and the foundation

1482

01:11:34,109 --> 01:11:31,869

walls are set up so that the exact outer

1483

01:11:36,000 --> 01:11:34,119

face of the foundation wall which could

1484

01:11:40,140 --> 01:11:36,010

be which is usually going to be either

1485

01:11:43,379 --> 01:11:40,150

poured concrete or concrete masonry

1486

01:11:46,950 --> 01:11:43,389

units you know block concrete block in

1487

01:11:49,200 --> 01:11:46,960

the outer face of that that wall will

1488

01:11:51,899 --> 01:11:49,210

exactly line up with the string that we

1489

01:11:53,280 --> 01:11:51,909

have stretched once the foundation is

1490

01:11:56,250 --> 01:11:53,290

done and it's up out of the earth

1491

01:11:57,720 --> 01:11:56,260

because when you're working in the earth

1492

01:12:01,770 --> 01:11:57,730

you know that's where you're gonna

1493

01:12:03,990 --> 01:12:01,780

encounter inconsistencies and things

1494

01:12:06,600 --> 01:12:04,000

that are going to interrupt the you know

1495

01:12:08,129 --> 01:12:06,610

like we might be trying to lay out a

1496

01:12:09,450 --> 01:12:08,139

footing and we discover that there's a

1497

01:12:11,670 --> 01:12:09,460

five-foot boulder

1498

01:12:13,290 --> 01:12:11,680

in buried in the ground right there so

1499

01:12:15,090 --> 01:12:13,300

you know you have to make accommodations

1500

01:12:17,360 --> 01:12:15,100

for those kinds of things but once the

1501

01:12:20,190 --> 01:12:17,370

the foundation is up out of the earth

1502

01:12:21,900 --> 01:12:20,200

then the layout lines the strings are

1503

01:12:24,650 --> 01:12:21,910

taken down we don't need those anymore

1504

01:12:27,000 --> 01:12:24,660

now we work strictly from the plans and

1505

01:12:29,250 --> 01:12:27,010

you know build according to the plans

1506

01:12:31,410 --> 01:12:29,260

and everything is referenced off of

1507

01:12:33,330 --> 01:12:31,420

usually some point which could be that

1508

01:12:36,420 --> 01:12:33,340

northeast corner of the structure and

1509

01:12:40,590 --> 01:12:36,430

everything is laid out from there so now

1510

01:12:42,120 --> 01:12:40,600

we have the the the foundation and then

1511

01:12:44,850 --> 01:12:42,130

usually what will then do is will cap

1512

01:12:47,880 --> 01:12:44,860

that foundation with a floor and now we

1513

01:12:51,120 --> 01:12:47,890

have a nice flat surface and we will in

1514

01:12:54,510 --> 01:12:51,130

effect use chalk lines to draw the

1515

01:12:57,210 --> 01:12:54,520

pattern upon that flat surface that sub

1516

01:12:59,690 --> 01:12:57,220

floor of where the walls and the

1517

01:13:03,780 --> 01:12:59,700

openings and everything are going to go

1518

01:13:05,280 --> 01:13:03,790

so now we've got this flat floor and on

1519

01:13:07,560 --> 01:13:05,290

there we'll have a whole series of

1520

01:13:09,240 --> 01:13:07,570

usually red or blue chalk lines

1521

01:13:11,670 --> 01:13:09,250

somewhere the times will use different

1522

01:13:13,290 --> 01:13:11,680

colors for different purposes but if you

1523

01:13:16,920 --> 01:13:13,300

come up there you'll see this series of

1524

01:13:20,160 --> 01:13:16,930

lines that have been imprinted upon this

1525

01:13:23,370 --> 01:13:20,170

flat floor and those lines represent the

1526

01:13:26,070 --> 01:13:23,380

walls and partitions and separations the

1527

01:13:28,800 --> 01:13:26,080

the window openings the door openings

1528

01:13:30,660 --> 01:13:28,810

and everything that's about to be built

1529

01:13:33,420 --> 01:13:30,670

on top of that platform that we have

1530

01:13:35,820 --> 01:13:33,430

just created and so just like what they

1531

01:13:39,120 --> 01:13:35,830

did in Egypt was they undoubtedly

1532

01:13:41,190 --> 01:13:39,130

leveled the platform to a high degree of

1533

01:13:44,010 --> 01:13:41,200

accuracy before they actually started

1534

01:13:46,110 --> 01:13:44,020

setting stones so on a much smaller

1535

01:13:48,570 --> 01:13:46,120

scale of course that's what we're doing

1536

01:13:50,940 --> 01:13:48,580

we established that perfectly level

1537

01:13:53,160 --> 01:13:50,950

platform and we have ways that we do

1538

01:13:57,360 --> 01:13:53,170

that even if the foundation walls aren't

1539

01:14:00,300 --> 01:13:57,370

exactly level we can then fine tune will

1540

01:14:02,790 --> 01:14:00,310

usually use a transit on the project

1541

01:14:05,400 --> 01:14:02,800

which will give us like easily within a

1542

01:14:08,700 --> 01:14:05,410

30 second degree of accuracy and so we

1543

01:14:11,460 --> 01:14:08,710

can adjust the floor we first before we

1544

01:14:13,530 --> 01:14:11,470

attach the floor to the foundation we

1545

01:14:15,630 --> 01:14:13,540

will adjust it it's it's I guess you

1546

01:14:19,410 --> 01:14:15,640

could say it's floating and we would use

1547

01:14:22,020 --> 01:14:19,420

shims to adjust so that one of one of

1548

01:14:23,310 --> 01:14:22,030

the one of the workers will be standing

1549

01:14:24,690 --> 01:14:23,320

looking through the transit

1550

01:14:27,030 --> 01:14:24,700

in through the transit you'll see

1551

01:14:30,390 --> 01:14:27,040

crosshairs somebody else will have the

1552

01:14:32,370 --> 01:14:30,400

pole with the with the the measurements

1553

01:14:34,800 --> 01:14:32,380

the the dimensions on it and basically

1554

01:14:36,420 --> 01:14:34,810

what you'll do is you'll you'll hold

1555

01:14:38,280 --> 01:14:36,430

that say on the corner of the floor

1556

01:14:40,530 --> 01:14:38,290

that's now floating on the foundation

1557

01:14:43,320 --> 01:14:40,540

and you'll have a wedge which is usually

1558

01:14:45,750 --> 01:14:43,330

like a long tapered piece of wood and

1559

01:14:47,850 --> 01:14:45,760

you can put that between the top of the

1560

01:14:50,580 --> 01:14:47,860

foundation and the bottom of the floor

1561

01:14:52,560 --> 01:14:50,590

structure and then by tapping just

1562

01:14:55,200 --> 01:14:52,570

slightly a little bit you can adjust

1563

01:14:58,560 --> 01:14:55,210

that floating floor literally to within

1564

01:15:00,570 --> 01:14:58,570

1/32 of an inch and then once it's all

1565

01:15:02,580 --> 01:15:00,580

leveled out then we make the permanent

1566

01:15:05,070 --> 01:15:02,590

attachment to the foundation and now we

1567

01:15:06,660 --> 01:15:05,080

have a perfectly level platform upon

1568

01:15:09,720 --> 01:15:06,670

which to build and if you have a

1569

01:15:11,220 --> 01:15:09,730

complicated roof system you're going to

1570

01:15:12,780 --> 01:15:11,230

have a big mess on your hands if you

1571

01:15:16,050 --> 01:15:12,790

don't start from a perfectly level

1572

01:15:18,030 --> 01:15:16,060

platform and that's what's okay we're

1573

01:15:20,610 --> 01:15:18,040

gonna come back to this in just a second

1574

01:15:23,850 --> 01:15:20,620

we've just posted up image number one

1575

01:15:26,580 --> 01:15:23,860

and image number two image number two is

1576

01:15:29,510 --> 01:15:26,590

the plumb bob the first image which is

1577

01:15:32,850 --> 01:15:29,520

utterly fascinating to me which is

1578

01:15:35,310 --> 01:15:32,860

Ancient of Days right yeah William

1579

01:15:38,490 --> 01:15:35,320

Blake's famous painting of the Ancient

1580

01:15:41,970 --> 01:15:38,500

of Days right that debt to me that image

1581

01:15:45,360 --> 01:15:41,980

sort of captures the whole idea of of

1582

01:15:48,510 --> 01:15:45,370

geometry is that and if it sort of the

1583

01:15:50,730 --> 01:15:48,520

the the traditional concept the ancient

1584

01:15:53,250 --> 01:15:50,740

concept is that the universe was created

1585

01:15:55,320 --> 01:15:53,260

through an act of geometry and that's

1586

01:15:56,970 --> 01:15:55,330

what William Blake what inspired this

1587

01:15:59,520 --> 01:15:56,980

painting of his the Ancient of Days and

1588

01:16:03,090 --> 01:15:59,530

this is you know God reaching down from

1589

01:16:06,720 --> 01:16:03,100

the heavens about to turn the compass to

1590

01:16:08,880 --> 01:16:06,730

impart the angular momentum to the

1591

01:16:11,070 --> 01:16:08,890

universe because when you look at

1592

01:16:13,020 --> 01:16:11,080

basically the structure of the universe

1593

01:16:14,760 --> 01:16:13,030

everything is in motion and everything

1594

01:16:16,920 --> 01:16:14,770

is spinning everything is turning

1595

01:16:17,760 --> 01:16:16,930

everything appears to be orbiting about

1596

01:16:20,610 --> 01:16:17,770

something else

1597

01:16:22,230 --> 01:16:20,620

earth is spinning on its axis the moon

1598

01:16:24,810 --> 01:16:22,240

is orbiting the earth the earth is

1599

01:16:27,030 --> 01:16:24,820

orbiting the Sun the Sun with this whole

1600

01:16:30,420 --> 01:16:27,040

solar system is orbiting the galaxies

1601

01:16:33,750 --> 01:16:30,430

and one of the interesting after

1602

01:16:35,430 --> 01:16:33,760

physical or cosmological questions that

1603

01:16:37,050 --> 01:16:35,440

of course has never been answered and

1604

01:16:40,830 --> 01:16:37,060

probably never will

1605

01:16:43,440 --> 01:16:40,840

is what was the initial impetus that for

1606

01:16:46,050 --> 01:16:43,450

that angular momentum that set

1607

01:16:48,630 --> 01:16:46,060

everything spinning in this particular

1608

01:16:50,880 --> 01:16:48,640

fashion why isn't everything just random

1609

01:16:53,550 --> 01:16:50,890

Brownian motion instead everything there

1610

01:16:55,530 --> 01:16:53,560

is this order to things that that there

1611

01:17:00,150 --> 01:16:55,540

is everything is turning on an axis

1612

01:17:03,060 --> 01:17:00,160

spinning about a center and in the in

1613

01:17:05,070 --> 01:17:03,070

the concepts of sacred geometry as we

1614

01:17:07,770 --> 01:17:05,080

see exemplified in this particular

1615

01:17:10,620 --> 01:17:07,780

painting by William Blake that initial

1616

01:17:13,440 --> 01:17:10,630

motion was imparted to the universe by

1617

01:17:17,820 --> 01:17:13,450

God the geometrician spinning the

1618

01:17:20,040 --> 01:17:17,830

compass an image number two

1619

01:17:21,930 --> 01:17:20,050

tell me about this because I have to say

1620

01:17:25,230 --> 01:17:21,940

God measuring the world right I said

1621

01:17:27,990 --> 01:17:25,240

plumb-bob but it's a compass it's a

1622

01:17:29,760 --> 01:17:28,000

compass tell us about this painting and

1623

01:17:31,380 --> 01:17:29,770

that's about the most fascinating thing

1624

01:17:33,150 --> 01:17:31,390

that you can look at especially with

1625

01:17:34,800 --> 01:17:33,160

what we're talking about tonight but but

1626

01:17:36,510 --> 01:17:34,810

tell us about this image well that's

1627

01:17:40,020 --> 01:17:36,520

that's from a medieval that's the front

1628

01:17:43,380 --> 01:17:40,030

piece to a medieval Bible and again it's

1629

01:17:45,780 --> 01:17:43,390

it's the it's the act of bringing order

1630

01:17:48,660 --> 01:17:45,790

out of chaos you see the thing that that

1631

01:17:52,680 --> 01:17:48,670

God in this case symbolized very much

1632

01:17:54,660 --> 01:17:52,690

like Jesus is holding this orb in his

1633

01:17:57,660 --> 01:17:54,670

left hand holding the compass in his

1634

01:17:59,820 --> 01:17:57,670

right hand within the orb is the is a

1635

01:18:02,040 --> 01:17:59,830

bunch of sort of turbulent looking

1636

01:18:05,070 --> 01:18:02,050

motion that represents the primordial

1637

01:18:08,160 --> 01:18:05,080

chaos the compass is about to bring

1638

01:18:11,310 --> 01:18:08,170

order out of this chaos itself this

1639

01:18:12,840 --> 01:18:11,320

particular this particular painting is

1640

01:18:15,180 --> 01:18:12,850

interesting in itself because it is

1641

01:18:19,140 --> 01:18:15,190

itself an embodiment of sacred geometry

1642

01:18:22,590 --> 01:18:19,150

it's all based upon the ratio of the

1643

01:18:24,240 --> 01:18:22,600

square root of two which is derived

1644

01:18:28,710 --> 01:18:24,250

geometrically once you have established

1645

01:18:30,960 --> 01:18:28,720

any square the diagonal that Square to

1646

01:18:32,880 --> 01:18:30,970

its side will be in the relationship of

1647

01:18:34,500 --> 01:18:32,890

the square root of 2 to 1 and square

1648

01:18:37,890 --> 01:18:34,510

reality of the square root of 2 is about

1649

01:18:39,920 --> 01:18:37,900

one point four one four and it's a

1650

01:18:42,390 --> 01:18:39,930

little bit less than one and a half and

1651

01:18:46,200 --> 01:18:42,400

it's a it's a very remarkable

1652

01:18:47,850 --> 01:18:46,210

relationship that manifests dynamic

1653

01:18:50,010 --> 01:18:47,860

symmetry and I don't know if we're going

1654

01:18:51,280 --> 01:18:50,020

to be able to explain that because it

1655

01:18:53,720 --> 01:18:51,290

requires

1656

01:18:57,160 --> 01:18:53,730

visualization but the idea here is that

1657

01:18:59,780 --> 01:18:57,170

if you carefully measure out the the

1658

01:19:02,000 --> 01:18:59,790

dimensions of this particular painting

1659

01:19:04,670 --> 01:19:02,010

here what you'll see is that if you take

1660

01:19:06,950 --> 01:19:04,680

the width of the painting and establish

1661

01:19:09,620 --> 01:19:06,960

that as a square the height of the

1662

01:19:11,450 --> 01:19:09,630

painting would be the same length as the

1663

01:19:13,910 --> 01:19:11,460

diagonal of that square that would be

1664

01:19:17,810 --> 01:19:13,920

formed on its on its width or short side

1665

01:19:21,140 --> 01:19:17,820

and this was a particular regulation

1666

01:19:23,630 --> 01:19:21,150

that was employed frequently by builders

1667

01:19:27,410 --> 01:19:23,640

and artists throughout the ages and the

1668

01:19:28,970 --> 01:19:27,420

the artists who the unknown artist who

1669

01:19:31,780 --> 01:19:28,980

created this front piece to this

1670

01:19:34,640 --> 01:19:31,790

medieval Bible utilized that route to

1671

01:19:36,680 --> 01:19:34,650

rectangle where the long side is to the

1672

01:19:39,170 --> 01:19:36,690

short side as the diagonal of a square

1673

01:19:42,620 --> 01:19:39,180

is to its side and then using that

1674

01:19:45,230 --> 01:19:42,630

diagonal to create a rectangle and it's

1675

01:19:47,390 --> 01:19:45,240

it's beautiful in form and the thing is

1676

01:19:51,140 --> 01:19:47,400

it's pleasing to the eye but nobody

1677

01:19:55,060 --> 01:19:51,150

understands why well here's something

1678

01:19:58,790 --> 01:19:55,070

else if you were to actually slice this

1679

01:20:00,890 --> 01:19:58,800

this particular rectangle horizontally

1680

01:20:03,200 --> 01:20:00,900

right through the middle right the two

1681

01:20:04,820 --> 01:20:03,210

rectangles that would be produced by

1682

01:20:07,460 --> 01:20:04,830

that are going to have the same

1683

01:20:10,330 --> 01:20:07,470

proportions as the original I know it's

1684

01:20:13,670 --> 01:20:10,340

fascinating and correct me if I'm wrong

1685

01:20:15,380 --> 01:20:13,680

but isn't the King's Chamber the floor

1686

01:20:17,660 --> 01:20:15,390

of the King's Chamber those dimensions

1687

01:20:20,450 --> 01:20:17,670

the same as this though the King's

1688

01:20:23,150 --> 01:20:20,460

Chamber is a double square oh it's a

1689

01:20:26,180 --> 01:20:23,160

double square okay a double square yes

1690

01:20:27,770 --> 01:20:26,190

but interestingly if you take the

1691

01:20:29,840 --> 01:20:27,780

diagonal of the double square you get

1692

01:20:31,940 --> 01:20:29,850

the square root of five the square root

1693

01:20:33,920 --> 01:20:31,950

of five is the basis for generating the

1694

01:20:36,140 --> 01:20:33,930

the so-called golden section or that's

1695

01:20:37,130 --> 01:20:36,150

right the gold ion or portion right

1696

01:20:39,740 --> 01:20:37,140

right right right

1697

01:20:42,230 --> 01:20:39,750

so inherent within that double square

1698

01:20:45,920 --> 01:20:42,240

it's almost like hiding in there is the

1699

01:20:48,140 --> 01:20:45,930

golden section unbeliev get the golden

1700

01:20:50,660 --> 01:20:48,150

section you start with a double square

1701

01:20:53,270 --> 01:20:50,670

and take its diagonal and then use you

1702

01:20:55,430 --> 01:20:53,280

use your compass in your section off one

1703

01:20:57,110 --> 01:20:55,440

unit which would be the short side of

1704

01:20:59,720 --> 01:20:57,120

your double like if you have a double

1705

01:21:01,580 --> 01:20:59,730

square short side is one your long side

1706

01:21:03,020 --> 01:21:01,590

is going to be two right because it's a

1707

01:21:04,610 --> 01:21:03,030

double square right you take the

1708

01:21:07,670 --> 01:21:04,620

diagonal it's simply

1709

01:21:10,100 --> 01:21:07,680

you know that the 47th proposition of

1710

01:21:11,840 --> 01:21:10,110

Euclid which says that the the square

1711

01:21:12,980 --> 01:21:11,850

drawn on a hypotenuse is equal to the

1712

01:21:15,530 --> 01:21:12,990

sum of the squares of the other two

1713

01:21:18,860 --> 01:21:15,540

sides so using that principle you would

1714

01:21:20,630 --> 01:21:18,870

go $1^2 + 2^2$ equals the

1715

01:21:24,350 --> 01:21:20,640

square of the diagonal 2^2 of

1716

01:21:26,270 --> 01:21:24,360

course is 4 so $1 + 4$ is 5 5 is the

1717

01:21:27,650 --> 01:21:26,280

area drawn under-diagonal oh you take

1718

01:21:30,350 --> 01:21:27,660

the square root of that and you get the

1719

01:21:32,360 --> 01:21:30,360

square root of 5 anybody who's you know

1720

01:21:33,530 --> 01:21:32,370

rudimental e familiar with mathematics

1721

01:21:35,000 --> 01:21:33,540

is going to know what I'm talking about

1722

01:21:37,730 --> 01:21:35,010

that's right so from that we get the

1723

01:21:39,860 --> 01:21:37,740

square root of 5 mm then if we use our

1724

01:21:42,530 --> 01:21:39,870

compass and we strike off one unit from

1725

01:21:45,460 --> 01:21:42,540

that square root of 5 we now generate

1726

01:21:49,760 --> 01:21:45,470

from there the golden the golden mean

1727

01:21:52,280 --> 01:21:49,770

how is it possible we've got 4 minutes

1728

01:21:55,700 --> 01:21:52,290

to the break of three and a half how is

1729

01:21:58,940 --> 01:21:55,710

it possible because Euclid and all of

1730

01:22:01,700 --> 01:21:58,950

that and PI and and and golden numbers

1731

01:22:07,090 --> 01:22:01,710

that that's that's thousands of years in

1732

01:22:10,070 --> 01:22:07,100

the future how how did the Egyptians

1733

01:22:12,980 --> 01:22:10,080

designers and architects have any idea

1734

01:22:15,410 --> 01:22:12,990

of this concept it's not by accident it

1735

01:22:17,450 --> 01:22:15,420

cannot be by oh no no I'm sure they were

1736

01:22:19,850 --> 01:22:17,460

very familiar with it because for one

1737

01:22:22,550 --> 01:22:19,860

thing it was utilized too frequently and

1738

01:22:24,440 --> 01:22:22,560

these these relationships are inherent

1739

01:22:25,790 --> 01:22:24,450

in geometry itself so anybody who knew

1740

01:22:27,830 --> 01:22:25,800

how to layout a square

1741

01:22:30,260 --> 01:22:27,840

could figure out well if we took the

1742

01:22:31,930 --> 01:22:30,270

diagonal of that Square and then we use

1743

01:22:34,580 --> 01:22:31,940

that as the long side of the rectangle

1744

01:22:36,440 --> 01:22:34,590

and it's short side is the side of the

1745

01:22:38,060 --> 01:22:36,450

original square we're going to get this

1746

01:22:40,310 --> 01:22:38,070

rectangle that has this particular

1747

01:22:44,120 --> 01:22:40,320

harmonic properties such that if we

1748

01:22:45,830 --> 01:22:44,130

slice it through the middle we generate

1749

01:22:48,170 --> 01:22:45,840

two additional rectangles that have the

1750

01:22:50,990 --> 01:22:48,180

exact proportions of the original if we

1751

01:22:53,060 --> 01:22:51,000

take either one of those two slice it

1752

01:22:55,310 --> 01:22:53,070

down the middle we still get another

1753

01:22:57,770 --> 01:22:55,320

generation of rectangles with the same

1754

01:22:59,180 --> 01:22:57,780

original proportions we could go in the

1755

01:23:00,770 --> 01:22:59,190

other direction if you took if you look

1756

01:23:02,360 --> 01:23:00,780

at this image that we've got here in

1757

01:23:04,340 --> 01:23:02,370

this painting right and you made two

1758

01:23:06,920 --> 01:23:04,350

copies of it and you set them side by

1759

01:23:09,350 --> 01:23:06,930

side so that the long sides were

1760

01:23:11,360 --> 01:23:09,360

adjacent to each other right and formed

1761

01:23:13,210 --> 01:23:11,370

a new rectangle that new rectangle is

1762

01:23:16,670 --> 01:23:13,220

going to have the exact proportions of

1763

01:23:18,230 --> 01:23:16,680

the original the original painting so

1764

01:23:19,790 --> 01:23:18,240

this is this is

1765

01:23:22,790 --> 01:23:19,800

monix here and this is what they I think

1766

01:23:24,140 --> 01:23:22,800

they were striving for so that in any if

1767

01:23:26,480 --> 01:23:24,150

you go and you begin to drawing

1768

01:23:28,700 --> 01:23:26,490

diagonals and dividing lines within that

1769

01:23:32,210 --> 01:23:28,710

structure you're going to get the main

1770

01:23:34,730 --> 01:23:32,220

axes and orientation lines of the design

1771

01:23:37,130 --> 01:23:34,740

of the painting of the composition and

1772

01:23:38,930 --> 01:23:37,140

so by doing that what you've done is

1773

01:23:41,330 --> 01:23:38,940

you've created this relationship between

1774

01:23:45,170 --> 01:23:41,340

the part and the whole which is the

1775

01:23:46,820 --> 01:23:45,180

basis of all harmony but okay now two

1776

01:23:48,650 --> 01:23:46,830

minutes I'm going to give you 90 seconds

1777

01:23:53,930 --> 01:23:48,660

to answer this I'm gonna be Michael

1778

01:23:58,190 --> 01:23:53,940

Shermer for a second Michael Shermer but

1779

01:24:01,550 --> 01:23:58,200

these were stone age people with hemp

1780

01:24:04,670 --> 01:24:01,560

ropes and stone hammers how could they

1781

01:24:10,940 --> 01:24:04,680

possibly know anything about squares or

1782

01:24:13,070 --> 01:24:10,950

geometry well I know from my standpoint

1783

01:24:16,400 --> 01:24:13,080

the same way we you know we could

1784

01:24:18,200 --> 01:24:16,410

rediscovery if all knowledge was lost we

1785

01:24:20,120 --> 01:24:18,210

could go out and you know fairly

1786

01:24:21,860 --> 01:24:20,130

intelligent people could rediscover the

1787

01:24:25,220 --> 01:24:21,870

principles of geometry because they're

1788

01:24:26,810 --> 01:24:25,230

they're so fundamental to everything but

1789

01:24:29,570 --> 01:24:26,820

yeah I mean we're surrounded by geometry

1790

01:24:30,550 --> 01:24:29,580

but you know the idea is is you know you

1791

01:24:32,630 --> 01:24:30,560

don't have to have sophisticated

1792

01:24:35,150 --> 01:24:32,640

technology to put a stake in the ground

1793

01:24:38,600 --> 01:24:35,160

and use that hemp rope to draw a circle

1794

01:24:42,020 --> 01:24:38,610

and anybody who does that and you could

1795

01:24:44,300 --> 01:24:42,030

do the same thing on paper or on any

1796

01:24:46,520 --> 01:24:44,310

flat surface you know you could use a

1797

01:24:49,100 --> 01:24:46,530

nail with string you don't need to use

1798

01:24:50,900 --> 01:24:49,110

the compass you can draw circles and

1799

01:24:52,640 --> 01:24:50,910

when you draw those circles for example

1800

01:24:54,080 --> 01:24:52,650

when we get a little further into it

1801

01:24:56,720 --> 01:24:54,090

we'll pull up and we'll look at the

1802

01:24:59,630 --> 01:24:56,730

vesica okay this is a fundamental shape

1803

01:25:01,700 --> 01:24:59,640

of all geometric form and that will help

1804

01:25:03,710 --> 01:25:01,710

to explain it I think let's take a break

1805

01:25:06,320 --> 01:25:03,720

right here our guest tonight Randall

1806

01:25:09,320 --> 01:25:06,330

Carlson and yes we are doing its sacred

1807

01:25:10,730 --> 01:25:09,330

geometry 101 I've got a couple of really

1808

01:25:12,320 --> 01:25:10,740

good questions that I'm going to hit you

1809

01:25:14,480 --> 01:25:12,330

with that I popped up in Twitter when we

1810

01:25:16,640 --> 01:25:14,490

come back off of the rake I'm your host

1811

01:25:25,240 --> 01:25:16,650

Jimmy Church and this is fade to black

1812

01:25:25,250 --> 01:25:35,040

[Music]

1813

01:25:42,279 --> 01:25:38,250

way out here we listen to Jimmy Church

1814

01:25:44,560 --> 01:25:42,289

you're listening to fade to black always

1815

01:25:47,410 --> 01:25:44,570

on the edge of the hottest alternative

1816

01:26:05,950 --> 01:25:47,420

talk jimmy church with fade to black

1817

01:26:08,049 --> 01:26:05,960

stay gra radio.com fader nots

1818

01:26:11,680 --> 01:26:08,059

this is Jimmy Church and I'm introducing

1819

01:26:15,220 --> 01:26:11,690

new Pharma a company whose products are

1820

01:26:19,299 --> 01:26:15,230

based on science human function based on

1821

01:26:22,060 --> 01:26:19,309

the endocannabinoid system or ECS new

1822

01:26:24,129 --> 01:26:22,070

pharma firmly believes in this science

1823

01:26:26,709 --> 01:26:24,139

and their research indicates that

1824

01:26:28,810 --> 01:26:26,719

support of the ECS provides the

1825

01:26:32,129 --> 01:26:28,820

beneficial effects for a healthy

1826
01:26:34,689 --> 01:26:32,139
lifestyle new Pharma science includes

1827
01:26:37,899 --> 01:26:34,699
relief capsules for pain relief

1828
01:26:40,990 --> 01:26:37,909
sleep capsules which are natural support

1829
01:26:44,439 --> 01:26:41,000
for occasional sleeplessness Foundation

1830
01:26:47,500 --> 01:26:44,449
is support for your ECS and fit capsules

1831
01:26:49,149 --> 01:26:47,510
support your active lifestyle just click

1832
01:26:52,990 --> 01:26:49,159
on the banner at Jimmy Church radio.com

1833
01:26:55,779 --> 01:26:53,000
and use the promo code f2b for a 33%

1834
01:26:58,779 --> 01:26:55,789
discount on all of their products or

1835
01:27:02,080 --> 01:26:58,789
visit new Pharma comm for all of the

1836
01:27:03,700 --> 01:27:02,090
knowledge on the science that's GNU

1837
01:27:07,840 --> 01:27:03,710
Pharma

1838
01:27:10,090 --> 01:27:07,850

um gobekli tepe hi I'm Matt rave for us

1839

01:27:11,860 --> 01:27:10,100

Gold Bureau I cover the market daily no

1840

01:27:13,780 --> 01:27:11,870

matter how strong it gets or what

1841

01:27:16,150 --> 01:27:13,790

long-term predictions say you can count

1842

01:27:18,700 --> 01:27:16,160

on one thing as certain there will be

1843

01:27:20,920 --> 01:27:18,710

another crash it will affect your assets

1844

01:27:22,990 --> 01:27:20,930

and when it happens wouldn't you rather

1845

01:27:23,650 --> 01:27:23,000

be two weeks or even two months ahead of

1846

01:27:25,209 --> 01:27:23,660

the curve

1847

01:27:26,979 --> 01:27:25,219

well Wall Street insiders have been

1848

01:27:29,140 --> 01:27:26,989

quietly converting their assets into

1849

01:27:30,160 --> 01:27:29,150

gold for the last few years now it's

1850

01:27:32,380 --> 01:27:30,170

your turn

1851

01:27:34,420 --> 01:27:32,390

buying gold and silver is easier than

1852

01:27:36,400 --> 01:27:34,430

buying stocks with the u.s. gold

1853

01:27:38,740 --> 01:27:36,410

bureau's investor guide it's free and

1854

01:27:42,190 --> 01:27:38,750

you learn how to buy precious metals in

1855

01:27:44,050 --> 01:27:42,200

or out of an IRA or 401k retirement plan

1856

01:27:46,810 --> 01:27:44,060

your investments shipped directly to

1857

01:27:50,020 --> 01:27:46,820

your home and is 100% insured and

1858

01:27:51,310 --> 01:27:50,030

guaranteed you control your investments

1859

01:27:53,950 --> 01:27:51,320

and shelter them against the stock

1860

01:27:55,420 --> 01:27:53,960

market politics and unknown threats act

1861

01:27:59,140 --> 01:27:55,430

while your dollar is still worth

1862

01:28:04,510 --> 01:27:59,150

something call us Gold Bureau 888 5 Gold

1863

01:28:19,300 --> 01:28:04,520

us Gold Bureau 888 5 gold 888 5 gold

1864

01:28:20,890 --> 01:28:19,310

call today GRA radio.com hi folks CBD is

1865

01:28:22,090 --> 01:28:20,900

the home run hitter for health right now

1866

01:28:23,350 --> 01:28:22,100

why you ask

1867

01:28:26,050 --> 01:28:23,360

because of what it does for the body

1868

01:28:28,270 --> 01:28:26,060

unfortunately I can't tell you all about

1869

01:28:30,310 --> 01:28:28,280

the benefit you know there's reasons do

1870

01:28:33,250 --> 01:28:30,320

your due diligence and log on to ancient

1871

01:28:34,720 --> 01:28:33,260

life oil com that's ancient life oil com

1872

01:28:37,060 --> 01:28:34,730

ancient life oil uses organic

1873

01:28:39,670 --> 01:28:37,070

ingredients and is blended in coconut

1874

01:28:43,000 --> 01:28:39,680

oil for some of the best benefits legal

1875

01:28:45,250 --> 01:28:43,010

in 50 states and non-psychoactive log on

1876

01:28:50,650 --> 01:28:45,260

to ancient life oil com that's ancient

1877

01:28:51,100 --> 01:28:50,660

life oil com you are listening to fade

1878

01:28:53,410 --> 01:28:51,110

to black

1879

01:28:56,309 --> 01:28:53,420

with Jimmy Church on the game change in

1880

01:29:01,649 --> 01:28:58,799

hi I'm Lisa Vance you're listening to

1881

01:29:04,469 --> 01:29:01,659

Jamie church this is revolution the

1882

01:29:11,490 --> 01:29:04,479

revolution will not be televised the

1883

01:29:49,500 --> 01:29:34,630

[Music]

1884

01:29:53,169 --> 01:29:51,790

all right welcome back fade to black

1885

01:29:56,949 --> 01:29:53,179

coming those chubby church follow me on

1886

01:29:59,709 --> 01:29:56,959

twitter at JD Oh Randall is at sacred

1887

01:30:01,229 --> 01:29:59,719

geometry international we've got the

1888

01:30:03,759 --> 01:30:01,239

links right up there and Twitter and

1889

01:30:05,799 --> 01:30:03,769

Randall I can't have you on the show

1890

01:30:07,509 --> 01:30:05,809

without this question I knew this was

1891

01:30:08,979 --> 01:30:07,519

gonna pop up so let's just get it out of

1892

01:30:12,520 --> 01:30:08,989

the way Nikken answer as quickly as

1893

01:30:15,489 --> 01:30:12,530

possible but Georgia and architecture

1894

01:30:17,139 --> 01:30:15,499

and Randall all go together but what

1895

01:30:25,569 --> 01:30:17,149

about the Georgia Guidestones what's

1896

01:30:28,509 --> 01:30:25,579

your take on that oh okay well I have a

1897

01:30:30,399 --> 01:30:28,519

relatively pedestrian interpretation of

1898

01:30:33,759 --> 01:30:30,409

that having looked into it years and

1899

01:30:38,040 --> 01:30:33,769

years ago and that was that um you

1900

01:30:40,270 --> 01:30:38,050

probably had a group of Masonic

1901

01:30:43,989 --> 01:30:40,280

affiliated brothers who wanted to do

1902

01:30:46,060 --> 01:30:43,999

something to draw tourism to Elberton

1903

01:30:48,549 --> 01:30:46,070

County because the granite industry was

1904

01:30:50,649 --> 01:30:48,559

sort of in an economic decline at the

1905

01:30:52,979 --> 01:30:50,659

time and I think that they thought that

1906

01:30:57,159 --> 01:30:52,989

they would weave a mystery around it and

1907

01:30:59,500 --> 01:30:57,169

developing a a monument a granite

1908

01:31:01,959 --> 01:30:59,510

monument would be an appropriate way to

1909

01:31:06,100 --> 01:31:01,969

do that so some of the brothers had

1910

01:31:07,929 --> 01:31:06,110

probably were familiar with some

1911

01:31:11,129 --> 01:31:07,939

esoteric teachings involving the

1912

01:31:14,469 --> 01:31:11,139

Rosicrucians and so forth and they

1913

01:31:16,270 --> 01:31:14,479

imported some of that symbolism and

1914

01:31:18,879 --> 01:31:16,280

imagery into the structure of the

1915

01:31:20,139 --> 01:31:18,889

monument and you know I don't see any

1916

01:31:23,290 --> 01:31:20,149

vast occult

1917

01:31:24,850 --> 01:31:23,300

New World Order conspiracy there you

1918

01:31:26,589 --> 01:31:24,860

know I've had people challenge me on

1919

01:31:29,229 --> 01:31:26,599

that but then they don't bring any

1920

01:31:32,889 --> 01:31:29,239

evidence or proof to the discussion

1921

01:31:35,560 --> 01:31:32,899

either so my cake I mean we could

1922

01:31:38,109 --> 01:31:35,570

certainly elaborate on that get into the

1923

01:31:40,569 --> 01:31:38,119

astronomy of it and and the idea that

1924

01:31:43,149 --> 01:31:40,579

it's really only the first phase of a

1925

01:31:45,029 --> 01:31:43,159

structure but you know a much more

1926

01:31:49,000 --> 01:31:45,039

elaborate structure that is to be built

1927

01:31:54,069 --> 01:31:49,010

and again I don't know and nobody really

1928

01:31:57,849 --> 01:31:54,079

knows I'm quite sure unless the identity

1929

01:31:59,919 --> 01:31:57,859

of RC Christian the original money

1930

01:32:01,750 --> 01:31:59,929

source of the money for the thing the

1931

01:32:02,530 --> 01:32:01,760

funding and I'm not even convinced that

1932

01:32:05,320 --> 01:32:02,540

RC Christian

1933

01:32:07,570 --> 01:32:05,330

was a single individual anyway but my

1934

01:32:09,430 --> 01:32:07,580

take on it is is really that it's it's

1935

01:32:13,480 --> 01:32:09,440

very interesting and it's fun but it's

1936

01:32:16,060 --> 01:32:13,490

not some you know part of some vast New

1937

01:32:18,750 --> 01:32:16,070

World Order conspiracy wow that's a

1938

01:32:21,880 --> 01:32:18,760

pretty bold statement I mean I get the I

1939

01:32:24,700 --> 01:32:21,890

be building it for fun I could totally

1940

01:32:27,190 --> 01:32:24,710

get that but it certainly has freaked

1941

01:32:30,580 --> 01:32:27,200

out a lot of people and I think the

1942

01:32:34,420 --> 01:32:30,590

large part for that is the population

1943

01:32:35,710 --> 01:32:34,430

control aspect of it but if it was done

1944

01:32:37,840 --> 01:32:35,720

for fun that's one thing but it

1945

01:32:40,900 --> 01:32:37,850

certainly did open up some eyes and

1946

01:32:43,000 --> 01:32:40,910

cause a lot of conspiracy theory well

1947

01:32:45,160 --> 01:32:43,010

yeah and that that the one statement on

1948

01:32:47,770 --> 01:32:45,170

there about maintaining the global

1949

01:32:50,920 --> 01:32:47,780

population I was interestingly when that

1950

01:32:53,890 --> 01:32:50,930

was built in the early 80s I was about

1951
01:32:58,180 --> 01:32:53,900
maybe four or five years into my studies

1952
01:33:00,520 --> 01:32:58,190
of global catastrophes having read you

1953
01:33:02,260 --> 01:33:00,530
know there's what was the limited amount

1954
01:33:06,370 --> 01:33:02,270
of stuff that was available back in the

1955
01:33:09,730 --> 01:33:06,380
70s so when that I think was actually I

1956
01:33:12,280 --> 01:33:09,740
think built in 1980 when that came out

1957
01:33:15,850 --> 01:33:12,290
that was that was my first take on it

1958
01:33:18,670 --> 01:33:15,860
was that somebody else had been excuse

1959
01:33:20,680 --> 01:33:18,680
me had been looking at some of the same

1960
01:33:23,290 --> 01:33:20,690
material that I had looked at and was

1961
01:33:25,230 --> 01:33:23,300
looking at at the time and concluded

1962
01:33:27,790 --> 01:33:25,240
that perhaps that might be a realistic

1963
01:33:30,940 --> 01:33:27,800

population in the aftermath of a global

1964

01:33:32,470 --> 01:33:30,950

catastrophe and that that was what it

1965

01:33:35,320 --> 01:33:32,480

was referencing that's how I took it

1966

01:33:37,750 --> 01:33:35,330

initially not that that there was some

1967

01:33:40,090 --> 01:33:37,760

secret conspiracy to start killing off

1968

01:33:43,450 --> 01:33:40,100

you know large segments of the Earth's

1969

01:33:45,580 --> 01:33:43,460

population because first of all the new

1970

01:33:47,620 --> 01:33:45,590

world order whole thing I mean that's we

1971

01:33:50,620 --> 01:33:47,630

could have a talk about that it's one of

1972

01:33:53,830 --> 01:33:50,630

the things that I kind of I'm sort of a

1973

01:33:56,020 --> 01:33:53,840

Michael Shermer on that one I think that

1974

01:33:58,870 --> 01:33:56,030

there is conspiracy certainly but

1975

01:34:00,760 --> 01:33:58,880

history is filled with conspiracies you

1976

01:34:03,190 --> 01:34:00,770

know my study of history would suggest

1977

01:34:05,440 --> 01:34:03,200

to me that often times even the elites

1978

01:34:08,110 --> 01:34:05,450

are at odds with one another and that

1979

01:34:09,850 --> 01:34:08,120

there's no one grand conspiracy and I

1980

01:34:12,660 --> 01:34:09,860

know that probably some of the listeners

1981

01:34:16,030 --> 01:34:12,670

are convinced themselves that there is

1982

01:34:18,880 --> 01:34:16,040

you know I've been basically looking for

1983

01:34:21,640 --> 01:34:18,890

of one unified consistent grand

1984

01:34:24,310 --> 01:34:21,650

conspiracy for 40 years and has not have

1985

01:34:26,560 --> 01:34:24,320

not found it now there are many much

1986

01:34:28,390 --> 01:34:26,570

smaller conspiracies absolutely there

1987

01:34:29,950 --> 01:34:28,400

are conspiracies there's you know we

1988

01:34:32,260 --> 01:34:29,960

could talk about some things that have

1989

01:34:34,120 --> 01:34:32,270

happened in American history recently

1990

01:34:36,220 --> 01:34:34,130

that I certainly accept that our

1991

01:34:38,050 --> 01:34:36,230

conspiracies I don't think that has

1992

01:34:39,880 --> 01:34:38,060

anything to do whatsoever with the

1993

01:34:41,770 --> 01:34:39,890

Georgia Guidestones I think that

1994

01:34:44,020 --> 01:34:41,780

basically what you had there was

1995

01:34:45,580 --> 01:34:44,030

somebody who had knowledge it was fully

1996

01:34:48,640 --> 01:34:45,590

available at the time you know you had

1997

01:34:52,570 --> 01:34:48,650

the work of people like Alexander Tom

1998

01:34:54,610 --> 01:34:52,580

and fred hoyle who had done research on

1999

01:34:57,820 --> 01:34:54,620

to the astronomy of the megalithic

2000

01:35:01,600 --> 01:34:57,830

structures you had knowledge available

2001

01:35:04,390 --> 01:35:01,610

about cyclically catastrophes in Earth

2002

01:35:06,370 --> 01:35:04,400

history and I think somebody just drew

2003

01:35:08,680 --> 01:35:06,380

upon that and came up with some ideas

2004

01:35:11,860 --> 01:35:08,690

and raised about a half a mil million

2005

01:35:13,990 --> 01:35:11,870

dollars to build the thing I'm thinking

2006

01:35:15,970 --> 01:35:14,000

if there was some grand New World Order

2007

01:35:18,850 --> 01:35:15,980

conspiracy they could have come up with

2008

01:35:21,760 --> 01:35:18,860

a lot more resources and funds than they

2009

01:35:24,910 --> 01:35:21,770

actually did because the amount of money

2010

01:35:26,650 --> 01:35:24,920

and resources that was utilized to pay

2011

01:35:30,070 --> 01:35:26,660

for the thing was certainly within the

2012

01:35:34,330 --> 01:35:30,080

reach of one person and I've got a great

2013

01:35:36,490 --> 01:35:34,340

I've got a great question here okay

2014

01:35:38,440 --> 01:35:36,500

please ask Randall somebody has jumped

2015

01:35:40,720 --> 01:35:38,450

ahead but it's it's it's it's a great

2016

01:35:44,320 --> 01:35:40,730

questions please ask Randall if fractal

2017

01:35:46,600 --> 01:35:44,330

geometry of the paintings is suggestive

2018

01:35:49,030 --> 01:35:46,610

or a clue that they understood the

2019

01:35:54,550 --> 01:35:49,040

holographic nature of the universe

2020

01:35:56,620 --> 01:35:54,560

I would certainly consider that as an

2021

01:35:58,960 --> 01:35:56,630

interesting possibility I don't

2022

01:36:02,440 --> 01:35:58,970

necessarily think that we could make

2023

01:36:06,310 --> 01:36:02,450

that conclusion from and it is correct I

2024

01:36:09,190 --> 01:36:06,320

think to describe these structures in

2025

01:36:11,730 --> 01:36:09,200

these compositions as fractal in the

2026

01:36:14,350 --> 01:36:11,740

sense that they have a self-similar

2027

01:36:16,450 --> 01:36:14,360

quality tool and that's kind of what we

2028

01:36:18,730 --> 01:36:16,460

were getting to discussing about earlier

2029

01:36:21,310 --> 01:36:18,740

when I was saying how we could utilize

2030

01:36:24,190 --> 01:36:21,320

this particular rectangle here in its

2031

01:36:26,710 --> 01:36:24,200

self replicable it could be we could

2032

01:36:28,630 --> 01:36:26,720

replicate the direct the proportions of

2033

01:36:30,370 --> 01:36:28,640

this particular rectangle of this

2034

01:36:32,830 --> 01:36:30,380

painting we've been looking

2035

01:36:35,530 --> 01:36:32,840

either contracting or expanding and

2036

01:36:38,350 --> 01:36:35,540

it'll maintain a consistent constant of

2037

01:36:41,380 --> 01:36:38,360

proportionality as long as we follow the

2038

01:36:43,180 --> 01:36:41,390

basic fundamental rules and then the

2039

01:36:46,240 --> 01:36:43,190

idea is that you can subdivide these

2040

01:36:48,550 --> 01:36:46,250

particular family of rectangular forms

2041

01:36:51,120 --> 01:36:48,560

such this we would call this a root 2

2042

01:36:53,380 --> 01:36:51,130

rectangle because it's long side

2043

01:36:56,170 --> 01:36:53,390

relationship of long side to short side

2044

01:36:58,030 --> 01:36:56,180

is the square root of 2 to 1 the root 3

2045

01:36:59,860 --> 01:36:58,040

rectangle which generates from the

2046

01:37:03,670 --> 01:36:59,870

vesica which we'll talk about in a

2047

01:37:05,200 --> 01:37:03,680

minute then the root 4 rectangle which

2048

01:37:07,780 --> 01:37:05,210

is the double square which we've already

2049

01:37:10,000 --> 01:37:07,790

discussed briefly in regards to the

2050

01:37:13,380 --> 01:37:10,010

King's Chamber and then the root 5

2051
01:37:16,620 --> 01:37:13,390
rectangle from which we can derive the

2052
01:37:19,720 --> 01:37:16,630
the golden section and so all of these

2053
01:37:22,090 --> 01:37:19,730
particular family of forms are self

2054
01:37:24,400 --> 01:37:22,100
replicable and they can be divided in

2055
01:37:26,620 --> 01:37:24,410
such a way that the smallest part can

2056
01:37:29,140 --> 01:37:26,630
reflect the pattern of the whole and so

2057
01:37:33,640 --> 01:37:29,150
yes they do have this this property of

2058
01:37:35,440 --> 01:37:33,650
fractal self similarity now I think it's

2059
01:37:37,240 --> 01:37:35,450
interesting that this does lead us into

2060
01:37:39,850 --> 01:37:37,250
this idea of kind of a holographic

2061
01:37:42,220 --> 01:37:39,860
universe by extending this into the

2062
01:37:44,380 --> 01:37:42,230
third dimension and possibly into the

2063
01:37:47,950 --> 01:37:44,390

dimension of time which we can talk

2064

01:37:50,560 --> 01:37:47,960

about if we don't run out of time as far

2065

01:37:53,410 --> 01:37:50,570

as this particular interview goes but

2066

01:37:54,460 --> 01:37:53,420

you know I don't know if you you know I

2067

01:37:56,530 --> 01:37:54,470

don't think we could necessarily

2068

01:38:00,430 --> 01:37:56,540

demonstrate that the 1 followed the

2069

01:38:01,930 --> 01:38:00,440

other running the same time who knows I

2070

01:38:03,120 --> 01:38:01,940

mean I'm open

2071

01:38:05,710 --> 01:38:03,130

you know if somebody presents me a

2072

01:38:08,650 --> 01:38:05,720

coherent you know logical

2073

01:38:10,330 --> 01:38:08,660

well-thought-out argument with with

2074

01:38:12,910 --> 01:38:10,340

evidence and data and so on I'm

2075

01:38:15,580 --> 01:38:12,920

certainly open-minded about it at the

2076

01:38:17,890 --> 01:38:15,590

same time though right looked at this I

2077

01:38:20,170 --> 01:38:17,900

see it the the fractal self similarity

2078

01:38:23,860 --> 01:38:20,180

shows up in a lot of sacred structures

2079

01:38:26,380 --> 01:38:23,870

where the the the divisions of the

2080

01:38:28,420 --> 01:38:26,390

overall system reflect the proportions

2081

01:38:30,460 --> 01:38:28,430

of the whole and that is what leads us

2082

01:38:33,460 --> 01:38:30,470

to the concept the ancient concept of

2083

01:38:36,490 --> 01:38:33,470

harmony well let's let's discuss image

2084

01:38:39,910 --> 01:38:36,500

number four which correct proportion

2085

01:38:44,110 --> 01:38:39,920

black and white yes this is from this is

2086

01:38:47,650 --> 01:38:44,120

from atalanta fugiens which was a

2087

01:38:49,480 --> 01:38:47,660

sixteenth-century alle chemical tax and

2088

01:38:50,950 --> 01:38:49,490

if you started looking into some of the

2089

01:38:53,260 --> 01:38:50,960

old alchemical texts they're filled with

2090

01:38:55,690 --> 01:38:53,270

geometry I mean that's because the idea

2091

01:38:57,250 --> 01:38:55,700

was that geometry was the basis for the

2092

01:39:00,400 --> 01:38:57,260

whole operation and if you didn't have

2093

01:39:01,900 --> 01:39:00,410

the correct proportions of materials if

2094

01:39:04,390 --> 01:39:01,910

you didn't have the correct proportions

2095

01:39:06,160 --> 01:39:04,400

of the timing of the various operations

2096

01:39:08,140 --> 01:39:06,170

you would not succeed in creating the

2097

01:39:12,070 --> 01:39:08,150

philosopher's stone so this particular

2098

01:39:14,860 --> 01:39:12,080

image basically is it's entitled

2099

01:39:17,470 --> 01:39:14,870

correct proportion is the key to

2100

01:39:20,110 --> 01:39:17,480

breaking down the wall of mystery and

2101

01:39:21,970 --> 01:39:20,120

the brick wall represents this wall of

2102

01:39:25,150 --> 01:39:21,980

mystery that conceals the inner

2103

01:39:27,460 --> 01:39:25,160

teachings of the Hermetic tradition and

2104

01:39:30,550 --> 01:39:27,470

here's the alchemists using these big

2105

01:39:33,430 --> 01:39:30,560

old compasses to create this geometric

2106

01:39:36,340 --> 01:39:33,440

form and we see a circle we see it

2107

01:39:38,470 --> 01:39:36,350

contains a an isosceles triangle and

2108

01:39:40,450 --> 01:39:38,480

within that isosceles triangle is a

2109

01:39:42,760 --> 01:39:40,460

square and then inscribed within that

2110

01:39:45,460 --> 01:39:42,770

square is the circle and it contains the

2111

01:39:49,720 --> 01:39:45,470

male and female figures which represent

2112

01:39:53,710 --> 01:39:49,730

the the bipolar forces that are to be

2113

01:39:56,530 --> 01:39:53,720

reconciled or unified during as a result

2114

01:40:02,860 --> 01:39:56,540

of the alchemical operation fascinating

2115

01:40:06,070 --> 01:40:02,870

image just unbelievably great and then I

2116

01:40:08,920 --> 01:40:06,080

want to as we continue here I do want

2117

01:40:13,210 --> 01:40:08,930

because it's again related I want to

2118

01:40:15,190 --> 01:40:13,220

jump up to image number five well this

2119

01:40:18,490 --> 01:40:15,200

is also from an alchemical texts about

2120

01:40:21,120 --> 01:40:18,500

the same period as the previous one yes

2121

01:40:23,560 --> 01:40:21,130

this rebus essentially in alchemical

2122

01:40:26,590 --> 01:40:23,570

concepts it's it's the divine

2123

01:40:28,450 --> 01:40:26,600

consummation of the work which is

2124

01:40:30,460 --> 01:40:28,460

considered to be in a sense fractal

2125

01:40:33,640 --> 01:40:30,470

because what the alchemist is attempting

2126

01:40:36,360 --> 01:40:33,650

to do in their in their laboratory in

2127

01:40:40,180 --> 01:40:36,370

their áthen or the the vessel of

2128

01:40:42,700 --> 01:40:40,190

transmutation is duplicating the process

2129

01:40:44,920 --> 01:40:42,710

whereby essentially the universe was

2130

01:40:47,950 --> 01:40:44,930

created duplicating the process whereby

2131

01:40:50,760 --> 01:40:47,960

life was generated out of the inert

2132

01:40:53,320 --> 01:40:50,770

matrix of the universe and how

2133

01:40:55,870 --> 01:40:53,330

consciousness and self cognizance is

2134

01:40:57,580 --> 01:40:55,880

then generated out of the matrix of

2135

01:41:00,040 --> 01:40:57,590

biological form

2136

01:41:02,260 --> 01:41:00,050

in this particular image we see that the

2137

01:41:05,320 --> 01:41:02,270

whole thing is surrounded by an oval

2138

01:41:07,209 --> 01:41:05,330

which is egg-shaped which is an active

2139

01:41:10,500 --> 01:41:07,219

geometry in itself because there is a

2140

01:41:13,660 --> 01:41:10,510

way of creating a variety of ovals and

2141

01:41:17,589 --> 01:41:13,670

ellipses which involve placing the

2142

01:41:19,209 --> 01:41:17,599

compass at various points and so you'll

2143

01:41:21,459 --> 01:41:19,219

notice that the very top of it is the

2144

01:41:25,899 --> 01:41:21,469

arc of a circle but the bottom is not

2145

01:41:28,750 --> 01:41:25,909

what you actually have here is for the

2146

01:41:32,169 --> 01:41:28,760

top arc has its point of center the

2147

01:41:35,320 --> 01:41:32,179

bottom arc has an arc has a point of

2148

01:41:38,350 --> 01:41:35,330

center which is actually if you look at

2149

01:41:40,750 --> 01:41:38,360

the circle that's the quadrature with

2150

01:41:42,939 --> 01:41:40,760

the with the dashed lines dividing that

2151
01:41:45,910 --> 01:41:42,949
circle into four with the center and

2152
01:41:48,520 --> 01:41:45,920
that dot that dot is the center of the

2153
01:41:51,040 --> 01:41:48,530
bottom arc you see yes and then there

2154
01:41:54,430 --> 01:41:51,050
are two more arcs that complete complete

2155
01:41:56,919 --> 01:41:54,440
the egg now within that egg you have the

2156
01:41:59,709 --> 01:41:56,929
rebus so you have a male half and a

2157
01:42:02,169 --> 01:41:59,719
female half conjoined in unity which is

2158
01:42:04,720 --> 01:42:02,179
the same idea so the previous image

2159
01:42:07,419 --> 01:42:04,730
essentially shows the early stages of

2160
01:42:09,790 --> 01:42:07,429
the alchemical work this shows the final

2161
01:42:13,540 --> 01:42:09,800
stage the divine consummation which is

2162
01:42:17,200 --> 01:42:13,550
what the word rebus translates to in

2163
01:42:19,180 --> 01:42:17,210

alchemical meaning and here you see the

2164

01:42:22,570 --> 01:42:19,190

male half and the female half conjoined

2165

01:42:25,330 --> 01:42:22,580

they're there they've now been you know

2166

01:42:28,720 --> 01:42:25,340

they are equal status in the creative

2167

01:42:31,479 --> 01:42:28,730

act the the male half holds the compass

2168

01:42:35,290 --> 01:42:31,489

the female half holds the square and

2169

01:42:37,740 --> 01:42:35,300

then surrounding them over in the arch

2170

01:42:43,870 --> 01:42:37,750

as you saw the you have the figures of

2171

01:42:47,169 --> 01:42:43,880

Mercury Mars Saturn Jupiter the moon the

2172

01:42:49,330 --> 01:42:47,179

Sun and Venus mercury is actually the

2173

01:42:52,359 --> 01:42:49,340

one directly overhead that that's in the

2174

01:42:55,930 --> 01:42:52,369

star over that comes right between the

2175

01:43:00,160 --> 01:42:55,940

the faces of the the anthropomorphic

2176
01:43:02,080 --> 01:43:00,170
faces and those represent the this you

2177
01:43:04,000 --> 01:43:02,090
know the seven visible planets each

2178
01:43:06,520 --> 01:43:04,010
which were endowed with certain

2179
01:43:08,260 --> 01:43:06,530
attributes and symbolic meanings that

2180
01:43:11,020 --> 01:43:08,270
would be clear to an alchemists who had

2181
01:43:13,959 --> 01:43:11,030
studied these things the dragon

2182
01:43:16,959 --> 01:43:13,969
has multiple meanings for for one thing

2183
01:43:20,490 --> 01:43:16,969
you know in mythology the dragon was a

2184
01:43:23,229 --> 01:43:20,500
was a dual creature it had not only a

2185
01:43:26,529 --> 01:43:23,239
terrestrial life in that it usually

2186
01:43:29,740 --> 01:43:26,539
would dwell in caves and so on it could

2187
01:43:32,709 --> 01:43:29,750
also come out and fly and arch up to the

2188
01:43:36,580 --> 01:43:32,719

sky so just like for anybody who saw the

2189

01:43:38,200 --> 01:43:36,590

oh the The Hobbit movies you know the

2190

01:43:40,029 --> 01:43:38,210

the dragon in there you know he lived

2191

01:43:43,319 --> 01:43:40,039

inside the mountain but he ultimately

2192

01:43:46,540 --> 01:43:43,329

came out to try to destroy the world and

2193

01:43:49,180 --> 01:43:46,550

the dragon has symbolized a number of

2194

01:43:51,609 --> 01:43:49,190

things over the ages for one thing it

2195

01:43:53,950 --> 01:43:51,619

has symbolized the the energies of the

2196

01:43:56,260 --> 01:43:53,960

earth itself the telluric forces if you

2197

01:43:58,689 --> 01:43:56,270

want to call it that a more modern sense

2198

01:44:02,740 --> 01:43:58,699

might be the fluctuating geomagnetic

2199

01:44:05,049 --> 01:44:02,750

field the idea that the motion of the

2200

01:44:08,310 --> 01:44:05,059

tectonic plates can generate patterns of

2201

01:44:10,600 --> 01:44:08,320

force and energy that were actually

2202

01:44:12,430 --> 01:44:10,610

utilized by ancient people and this

2203

01:44:14,169 --> 01:44:12,440

could be a whole other discussion that

2204

01:44:17,620 --> 01:44:14,179

we could get into discussing the

2205

01:44:19,810 --> 01:44:17,630

geomantic dimension of the the ancient

2206

01:44:23,439 --> 01:44:19,820

structures because many of these

2207

01:44:25,930 --> 01:44:23,449

structures were all built in the grass

2208

01:44:28,169 --> 01:44:25,940

here for a minute in the work of guy

2209

01:44:31,479 --> 01:44:28,179

underwent pattern of the past he was a

2210

01:44:35,020 --> 01:44:31,489

he was a geomancer who basically made a

2211

01:44:38,080 --> 01:44:35,030

living by finding water using

2212

01:44:41,080 --> 01:44:38,090

traditional dowsing type means and he

2213

01:44:44,439 --> 01:44:41,090

was also familiar with geological

2214

01:44:46,839 --> 01:44:44,449

techniques of tracking water motion

2215

01:44:48,010 --> 01:44:46,849

through the through the crust and one of

2216

01:44:52,180 --> 01:44:48,020

the things he did he spent many years

2217

01:44:54,790 --> 01:44:52,190

studying the the correlation between the

2218

01:44:57,010 --> 01:44:54,800

cathedrals in Europe and the pattern of

2219

01:44:59,500 --> 01:44:57,020

underground water and over and over

2220

01:45:02,680 --> 01:44:59,510

again he was able to document that there

2221

01:45:06,010 --> 01:45:02,690

was this correlation his pattern of

2222

01:45:07,899 --> 01:45:06,020

water motion through the crust that that

2223

01:45:12,430 --> 01:45:07,909

these ancient builders seemed to be

2224

01:45:14,830 --> 01:45:12,440

aware of now I know that it in you know

2225

01:45:19,689 --> 01:45:14,840

on our more rationalist society I've

2226

01:45:24,180 --> 01:45:19,699

seen lots of basically criticism and

2227

01:45:26,709 --> 01:45:24,190

skepticism about the idea of geomancy or

2228

01:45:28,540 --> 01:45:26,719

you know water dousing that kind of

2229

01:45:31,000 --> 01:45:28,550

thing yet my own experience has been

2230

01:45:34,060 --> 01:45:31,010

rather interesting I have been building

2231

01:45:35,560 --> 01:45:34,070

you know for many years and back in 1975

2232

01:45:39,700 --> 01:45:35,570

I think it was I was building a pole

2233

01:45:42,910 --> 01:45:39,710

barn and to build a pole barn I was I

2234

01:45:45,370 --> 01:45:42,920

had three rows of five telephone poles

2235

01:45:47,890 --> 01:45:45,380

each so what I did was I went out and I

2236

01:45:49,959 --> 01:45:47,900

laid out I prepared the site I level the

2237

01:45:53,740 --> 01:45:49,969

site I went out and I drove a stake in

2238

01:45:55,600 --> 01:45:53,750

each of the places that I wanted a pole

2239

01:45:58,229 --> 01:45:55,610

to be set now the poles that I had were

2240

01:46:02,680 --> 01:45:58,239

telephone poles that we had bought

2241

01:46:06,610 --> 01:46:02,690

through I guess they had been this you

2242

01:46:09,400 --> 01:46:06,620

know discontinued use by the the phone

2243

01:46:12,400 --> 01:46:09,410

company here in Georgia so what I did

2244

01:46:14,500 --> 01:46:12,410

was I staked out at three rows of five

2245

01:46:17,740 --> 01:46:14,510

states each one was where I wanted a

2246

01:46:20,920 --> 01:46:17,750

hole dug to place the pole so then I

2247

01:46:22,930 --> 01:46:20,930

call ma Bell who was the the phone

2248

01:46:24,970 --> 01:46:22,940

service provider back then they send out

2249

01:46:28,180 --> 01:46:24,980

their auger truck and then they used the

2250

01:46:30,459 --> 01:46:28,190

order they'll they'll drill of the hole

2251

01:46:33,340 --> 01:46:30,469

and then they'll use their boom and to

2252

01:46:36,520 --> 01:46:33,350

set the to set the poles in the holes

2253

01:46:38,439 --> 01:46:36,530

well interestingly I had heard of water

2254

01:46:40,990 --> 01:46:38,449

dousing but had never really had much

2255

01:46:44,860 --> 01:46:41,000

interest in it or looked into it but the

2256

01:46:48,400 --> 01:46:44,870

truck comes up and the two guys in the

2257

01:46:50,740 --> 01:46:48,410

in the phone company uniforms khaki

2258

01:46:52,330 --> 01:46:50,750

phone company uniforms come up and then

2259

01:46:54,610 --> 01:46:52,340

this third guy gets out and he's this

2260

01:46:57,220 --> 01:46:54,620

real tall guy about six five six six

2261

01:46:59,830 --> 01:46:57,230

skinny guy I can still picture him he

2262

01:47:02,620 --> 01:46:59,840

had coveralls on and an old beat-up hat

2263

01:47:04,150 --> 01:47:02,630

and he comes out and he had something in

2264

01:47:06,600 --> 01:47:04,160

his hand he had some kind of a case in

2265

01:47:09,189 --> 01:47:06,610

his hand he walked down to where the

2266

01:47:11,050 --> 01:47:09,199

where I had placed two stakes

2267

01:47:13,630 --> 01:47:11,060

he opened his case and he took out

2268

01:47:16,390 --> 01:47:13,640

dowsing rods and then he walked back and

2269

01:47:19,330 --> 01:47:16,400

forth over each of the stakes that I had

2270

01:47:21,010 --> 01:47:19,340

driven with his dowsing rods and as he

2271

01:47:23,650 --> 01:47:21,020

did he would walk over him and he would

2272

01:47:25,630 --> 01:47:23,660

shout up to the guys at the truck clear

2273

01:47:28,150 --> 01:47:25,640

that this one was cleared they could go

2274

01:47:29,470 --> 01:47:28,160

ahead and they could dig here I'm

2275

01:47:31,360 --> 01:47:29,480

standing over and decide my first

2276

01:47:34,150 --> 01:47:31,370

impression was these guys are pulling my

2277

01:47:36,820 --> 01:47:34,160

leg right right well I happen to know

2278

01:47:37,620 --> 01:47:36,830

that the water main into the property

2279

01:47:39,960 --> 01:47:37,630

where it came

2280

01:47:43,320 --> 01:47:39,970

across the road and passed under the

2281

01:47:45,810 --> 01:47:43,330

driveway going to the main house well so

2282

01:47:48,770 --> 01:47:45,820

I'm watching this and he's got basically

2283

01:47:51,720 --> 01:47:48,780

all he's got is he's taking these old

2284

01:47:53,190 --> 01:47:51,730

telescoping automobile antennas that

2285

01:47:56,730 --> 01:47:53,200

have the ball on the end

2286

01:47:58,620 --> 01:47:56,740

and he's turned 90 degrees so he's got

2287

01:48:01,620 --> 01:47:58,630

the sleeve in his hands and they're free

2288

01:48:03,180 --> 01:48:01,630

to pivot well he comes walking across in

2289

01:48:05,220 --> 01:48:03,190
my direction I was working I was

2290

01:48:07,920 --> 01:48:05,230
building a boat dock at the time so I'm

2291

01:48:09,900 --> 01:48:07,930
watching this whole thing because it's

2292

01:48:13,170 --> 01:48:09,910
right next to a river right were you

2293

01:48:15,330 --> 01:48:13,180
tripping out were you tripping I mean I

2294

01:48:18,540 --> 01:48:15,340
was not tripping no I'm not high on

2295

01:48:22,260 --> 01:48:18,550
drugs I'm saying wrong just like what is

2296

01:48:25,140 --> 01:48:22,270
is is is he for real yes that's exactly

2297

01:48:27,420 --> 01:48:25,150
what that's exactly that's what that was

2298

01:48:29,520 --> 01:48:27,430
my that was my state of mind at the time

2299

01:48:32,490 --> 01:48:29,530
like what the hell is going on here what

2300

01:48:34,500 --> 01:48:32,500
I was doing you know right right well so

2301

01:48:36,480 --> 01:48:34,510

then he comes walking across the

2302

01:48:39,420 --> 01:48:36,490

driveway and as he gets to the spot

2303

01:48:41,820 --> 01:48:39,430

right were I knew roughly where the

2304

01:48:43,440 --> 01:48:41,830

water main was coming in and he steps

2305

01:48:46,800 --> 01:48:43,450

across there was literally as if

2306

01:48:50,490 --> 01:48:46,810

somebody grabbed the ends of those those

2307

01:48:53,130 --> 01:48:50,500

rods bentham they actually bent and they

2308

01:48:55,350 --> 01:48:53,140

swung into an axe and they crossed it

2309

01:48:58,530 --> 01:48:55,360

was literally like somebody had grabbed

2310

01:49:01,740 --> 01:48:58,540

the ends of them you know bent them down

2311

01:49:05,250 --> 01:49:01,750

under under tension and then crossed him

2312

01:49:08,850 --> 01:49:05,260

then he stepped across that zone and as

2313

01:49:10,980 --> 01:49:08,860

he stepped across the the rods relaxed

2314

01:49:13,770 --> 01:49:10,990

and began to swivel freely like they had

2315

01:49:15,300 --> 01:49:13,780

been before what he then did was he

2316

01:49:18,240 --> 01:49:15,310

walked back and forth in a zigzag

2317

01:49:20,640 --> 01:49:18,250

pattern and each time he would walk

2318

01:49:23,280 --> 01:49:20,650

across the same phenomenon would happen

2319

01:49:26,040 --> 01:49:23,290

the the the rods would cross and they

2320

01:49:27,870 --> 01:49:26,050

would Bend and then he would step across

2321

01:49:30,390 --> 01:49:27,880

and so then he traced out where the

2322

01:49:32,100 --> 01:49:30,400

water main came in to the property the

2323

01:49:34,740 --> 01:49:32,110

guys in the truck proceeded to go down

2324

01:49:37,350 --> 01:49:34,750

and with their auger and proceeded to

2325

01:49:39,690 --> 01:49:37,360

drill where he said that they could

2326

01:49:41,610 --> 01:49:39,700

drill so I ended up talking to him about

2327

01:49:44,310 --> 01:49:41,620

it and he'd been doing that for them for

2328

01:49:46,170 --> 01:49:44,320

years and then he asked me if I was

2329

01:49:47,880 --> 01:49:46,180

wanted to try it and I was feeling very

2330

01:49:50,100 --> 01:49:47,890

self-conscious about it and the other

2331

01:49:51,390 --> 01:49:50,110

two guys were paused and looked so I

2332

01:49:53,760 --> 01:49:51,400

took his rods in him

2333

01:49:56,370 --> 01:49:53,770

I stepped across and it was literally

2334

01:49:59,340 --> 01:49:56,380

like I got an electric shock No and I

2335

01:50:02,340 --> 01:49:59,350

yes I've tried dowsing since then and

2336

01:50:04,530 --> 01:50:02,350

have not gotten anywhere near that I

2337

01:50:06,780 --> 01:50:04,540

think had something to do with my my

2338

01:50:09,660 --> 01:50:06,790

state of mind I because it was it was so

2339

01:50:11,550 --> 01:50:09,670

surprising to me and unexpected that I

2340

01:50:14,040 --> 01:50:11,560

would get that feeling and it was

2341

01:50:15,450 --> 01:50:14,050

literally like I like somebody the

2342

01:50:18,540 --> 01:50:15,460

feeling was that somebody grabbed the

2343

01:50:20,610 --> 01:50:18,550

ends of these rods in their hands and I

2344

01:50:23,130 --> 01:50:20,620

was able to trace out where the water

2345

01:50:25,350 --> 01:50:23,140

main was now I have tried dowsing quite

2346

01:50:27,419 --> 01:50:25,360

a few times since then with a little bit

2347

01:50:30,660 --> 01:50:27,429

of success but never like that first

2348

01:50:34,680 --> 01:50:30,670

time now I also knew somebody that was

2349

01:50:36,570 --> 01:50:34,690

in Vietnam that told me he was a marine

2350

01:50:38,160 --> 01:50:36,580

in Vietnam now this is years ago I don't

2351
01:50:40,500 --> 01:50:38,170
even remember his name we were agree

2352
01:50:44,669 --> 01:50:40,510
were neighbors and he told me that they

2353
01:50:49,530 --> 01:50:44,679
used dowsing in Vietnam to find mines

2354
01:50:51,660 --> 01:50:49,540
that had been buried so you know and I

2355
01:50:54,030 --> 01:50:51,670
had no reason to doubt that that you

2356
01:50:56,550 --> 01:50:54,040
know that he was making this up because

2357
01:50:58,590 --> 01:50:56,560
I we were probably talking about dowsing

2358
01:51:01,229 --> 01:50:58,600
and the idea of there being energies in

2359
01:51:04,110 --> 01:51:01,239
the earth that might be correlated with

2360
01:51:06,030 --> 01:51:04,120
the pattern of underground water motion

2361
01:51:07,830 --> 01:51:06,040
but then he said something to the effect

2362
01:51:10,439 --> 01:51:07,840
well you know you can use more than just

2363
01:51:13,040 --> 01:51:10,449

water because in Nam we had guys that

2364

01:51:15,450 --> 01:51:13,050

would use dowsing to try to find mines

2365

01:51:18,840 --> 01:51:15,460

apparently with some success because you

2366

01:51:22,950 --> 01:51:18,850

figure okay if if Ma Bell comes out to

2367

01:51:24,630 --> 01:51:22,960

dig holes to place telephone poles and

2368

01:51:26,310 --> 01:51:24,640

they dig where there happens to be a

2369

01:51:28,410 --> 01:51:26,320

water pipe that's going to cost him a

2370

01:51:31,530 --> 01:51:28,420

lot of money but they apparently had

2371

01:51:33,630 --> 01:51:31,540

enough confidence in this guy skill and

2372

01:51:35,010 --> 01:51:33,640

you witnessed it though that's the thing

2373

01:51:37,200 --> 01:51:35,020

and you did it yourself

2374

01:51:39,180 --> 01:51:37,210

I would I've always been on The

2375

01:51:40,950 --> 01:51:39,190

Skeptical side of the fence when it

2376
01:51:43,680 --> 01:51:40,960
comes to dowsing I'm open-minded about

2377
01:51:47,910 --> 01:51:43,690
everything but the people that are good

2378
01:51:52,410 --> 01:51:47,920
at dowsing it's we're getting into a

2379
01:51:56,850 --> 01:51:52,420
zone of fact right the the the

2380
01:51:58,830 --> 01:51:56,860
unsuccessful accessor outweighs it and

2381
01:52:00,660 --> 01:51:58,840
so there's something going on I don't

2382
01:52:03,870 --> 01:52:00,670
know what it is though I really don't

2383
01:52:05,100 --> 01:52:03,880
it's a fascinating area before we hit

2384
01:52:07,879 --> 01:52:05,110
the break I wanted to

2385
01:52:10,109 --> 01:52:07,889
jump ahead to these the two Asian

2386
01:52:13,290 --> 01:52:10,119
illustrations that you have here one of

2387
01:52:15,300 --> 01:52:13,300
his is a foo his--and and nuke wha-what

2388
01:52:18,330 --> 01:52:15,310

what's going on with this image before

2389

01:52:21,390 --> 01:52:18,340

we get to the creation which is kind of

2390

01:52:23,040 --> 01:52:21,400

elemental and and and basic but well

2391

01:52:24,899 --> 01:52:23,050

notice you've got some of the same

2392

01:52:27,689 --> 01:52:24,909

themes going on here as in the previous

2393

01:52:30,930 --> 01:52:27,699

image you've got a male and female half

2394

01:52:33,419 --> 01:52:30,940

conjoined the female half is holding a

2395

01:52:35,160 --> 01:52:33,429

square the male a compass in addition to

2396

01:52:37,229 --> 01:52:35,170

the square we see a plumb bob hanging

2397

01:52:38,720 --> 01:52:37,239

from from the square which is kind of

2398

01:52:41,810 --> 01:52:38,730

like the third tool that you would use

2399

01:52:45,060 --> 01:52:41,820

in laying out your statement structure

2400

01:52:48,120 --> 01:52:45,070

we see the constellations arrayed around

2401
01:52:50,550 --> 01:52:48,130
we can see the Big Dipper we can see

2402
01:52:53,160 --> 01:52:50,560
Pegasus what might be Cassiopeia what

2403
01:52:55,200 --> 01:52:53,170
might be Gemini it's been two-faced

2404
01:52:58,290 --> 01:52:55,210
enough is difficult to identify them

2405
01:53:00,750 --> 01:52:58,300
then you've got the ring of 12 up top

2406
01:53:03,149 --> 01:53:00,760
which I would interpret is you know

2407
01:53:06,479 --> 01:53:03,159
being as a dial and then you've got this

2408
01:53:10,229 --> 01:53:06,489
large wrapped intertwined serpentine

2409
01:53:13,740 --> 01:53:10,239
tail which represents I think would

2410
01:53:16,109 --> 01:53:13,750
suggest anyway for for purposes of

2411
01:53:19,200 --> 01:53:16,119
discussion and experimentation that this

2412
01:53:23,640 --> 01:53:19,210
represents the same force as the dragon

2413
01:53:25,200 --> 01:53:23,650

in the previous image does and again the

2414

01:53:28,200 --> 01:53:25,210

thing about the dragon is it has a

2415

01:53:31,890 --> 01:53:28,210

component of both terrestrial and a

2416

01:53:33,450 --> 01:53:31,900

celestial component and we could discuss

2417

01:53:36,120 --> 01:53:33,460

we could spend a whole other discussion

2418

01:53:38,070 --> 01:53:36,130

on the symbolism of the dragon and what

2419

01:53:41,149 --> 01:53:38,080

it implies because I have a whole lot of

2420

01:53:43,560 --> 01:53:41,159

interesting material on the geological

2421

01:53:45,840 --> 01:53:43,570

connection with with with sacred

2422

01:53:48,720 --> 01:53:45,850

architecture and the cosmological or

2423

01:53:50,220 --> 01:53:48,730

astronomical realm it was really

2424

01:53:51,660 --> 01:53:50,230

integrated those two realms are

2425

01:53:52,919 --> 01:53:51,670

integrated in the thing that I was

2426

01:53:55,770 --> 01:53:52,929

finally going to be going to say was

2427

01:53:57,899 --> 01:53:55,780

about guy Underwood's work and pattern

2428

01:54:00,750 --> 01:53:57,909

of the past was he showed that there was

2429

01:54:02,879 --> 01:54:00,760

a very high correlation between the

2430

01:54:05,070 --> 01:54:02,889

pattern of sacred structures on the

2431

01:54:07,709 --> 01:54:05,080

surface of the earth and the pattern of

2432

01:54:09,390 --> 01:54:07,719

underground water below many of the

2433

01:54:11,939 --> 01:54:09,400

structures were placed over what had

2434

01:54:15,060 --> 01:54:11,949

previously been sacred Springs like

2435

01:54:16,500 --> 01:54:15,070

Chartres Cathedral for example was was

2436

01:54:18,209 --> 01:54:16,510

built on a knoll and there was a sacred

2437

01:54:18,930 --> 01:54:18,219

spring there there was once the sacred

2438

01:54:21,630 --> 01:54:18,940

spring

2439

01:54:24,000 --> 01:54:21,640

at the center of Stonehenge but I think

2440

01:54:27,030 --> 01:54:24,010

early in the 20th century because people

2441

01:54:28,500 --> 01:54:27,040

kept throwing trash in there the UK

2442

01:54:30,540 --> 01:54:28,510

government went out there and plugged it

2443

01:54:34,290 --> 01:54:30,550

with concrete or some such thing but

2444

01:54:36,360 --> 01:54:34,300

many many of these these ancient

2445

01:54:38,640 --> 01:54:36,370

structures correlate with the pattern of

2446

01:54:41,280 --> 01:54:38,650

underground water anatomy is a very

2447

01:54:43,260 --> 01:54:41,290

interesting and fascinating subject for

2448

01:54:45,720 --> 01:54:43,270

exploration go ahead I've got about 30

2449

01:54:50,310 --> 01:54:45,730

seconds what's the date what's the Circa

2450

01:54:52,200 --> 01:54:50,320

on this image here I if memory serves me

2451

01:54:55,680 --> 01:54:52,210

correct I think it's about 11th century

2452

01:54:58,950 --> 01:54:55,690

11th century so there is a well as about

2453

01:55:01,350 --> 01:54:58,960

800 years ago and and a huge dating

2454

01:55:03,689 --> 01:55:01,360

difference between the two images but

2455

01:55:07,260 --> 01:55:03,699

yet they represent nearly this same

2456

01:55:11,600 --> 01:55:07,270

exact symbology but this is what I see

2457

01:55:19,140 --> 01:55:11,610

here Randall you see a serpent I see DNA

2458

01:55:21,390 --> 01:55:19,150

but that's just me that's just me we'll

2459

01:55:23,280 --> 01:55:21,400

be right back more with Randall with

2460

01:55:25,920 --> 01:55:23,290

more Randall Carlson we're doing sacred

2461

01:55:26,570 --> 01:55:25,930

geometry 101 this is fade to black stay

2462

01:55:30,520 --> 01:55:26,580

with us

2463

01:55:36,890 --> 01:55:32,750

the mental guard on Jimmy Church

2464

01:55:43,500 --> 01:55:40,169

this is KCRA digital broadcasting

2465

01:55:47,879 --> 01:55:43,510

station Salt Lake City Utah Van Buren

2466

01:55:50,430 --> 01:55:47,889

Arkansas let's get this man to the ER

2467

01:55:53,129 --> 01:55:50,440

stat right away doctor we see this every

2468

01:55:55,379 --> 01:55:53,139

day heart attack or angina pain due to

2469

01:55:57,780 --> 01:55:55,389

blocked and clogged arteries chelation

2470

01:55:59,910 --> 01:55:57,790

can remove obstructions or blockages

2471

01:56:01,200 --> 01:55:59,920

from arteries and help avoid painful and

2472

01:56:03,750 --> 01:56:01,210

expensive surgery

2473

01:56:05,399 --> 01:56:03,760

now there's angiogram it's a liquid oral

2474

01:56:07,800 --> 01:56:05,409

chelation product that you take with

2475

01:56:10,140 --> 01:56:07,810

juice you start to feel the results fast

2476

01:56:11,729 --> 01:56:10,150

angio primm increases blood flow all

2477

01:56:14,010 --> 01:56:11,739

over the body and that means more energy

2478

01:56:16,530 --> 01:56:14,020

and strength to take on the day with

2479

01:56:18,510 --> 01:56:16,540

less aches and pains 60 years of

2480

01:56:19,709 --> 01:56:18,520

research has gone into chelation and

2481

01:56:22,020 --> 01:56:19,719

angiogram

2482

01:56:24,270 --> 01:56:22,030

is the result a safe and easy way to

2483

01:56:26,399 --> 01:56:24,280

unblock your veins and arteries from

2484

01:56:28,410 --> 01:56:26,409

buildup that slow circulation shaping

2485

01:56:30,180 --> 01:56:28,420

dr. Jones please report to the emergency

2486

01:56:32,459 --> 01:56:30,190

room right away log on now for a special

2487

01:56:36,899 --> 01:56:32,469

radio offer from Angie Oh prim that's

2488

01:56:40,890 --> 01:56:36,909

angio prim calm / radio a ng IO PRI M

2489

01:56:43,830 --> 01:56:40,900

angio prim calm / radio our call 877 8 a

2490

01:56:49,200 --> 01:56:43,840

270 221 that's eight seven seven eight a

2491

01:56:52,530 --> 01:56:49,210

270 to 21 so you love talk radio then

2492

01:56:55,590 --> 01:56:52,540

you'll love talk stream live calm talk

2493

01:56:57,600 --> 01:56:55,600

stream live is always on 24/7 with the

2494

01:56:59,580 --> 01:56:57,610

best streaming talk shows find your

2495

01:57:01,860 --> 01:56:59,590

favorite talkers and discover some new

2496

01:57:04,890 --> 01:57:01,870

ones it's free readily available online

2497

01:57:06,780 --> 01:57:04,900

or on the smartphone or tablet finding

2498

01:57:09,300 --> 01:57:06,790

your favorite talk shows all in one

2499

01:57:12,090 --> 01:57:09,310

place has gotten a whole lot easier just

2500

01:57:14,070 --> 01:57:12,100

go to talk stream live.com be sure to

2501

01:57:18,330 --> 01:57:14,080

download the free apps from Google Play

2502

01:57:21,270 --> 01:57:18,340

or the iTunes App Store your contact for

2503

01:57:25,169 --> 01:57:21,280

current news and trending topics

2504

01:57:27,060 --> 01:57:25,179

are a radio.com do you worry a lot if

2505

01:57:28,890 --> 01:57:27,070

you're forgetful nervous moody are

2506

01:57:31,200 --> 01:57:28,900

overwhelmed chances are you're not

2507

01:57:33,569 --> 01:57:31,210

protecting yourself from the ravaging

2508

01:57:36,359 --> 01:57:33,579

effects of stress and anxiety no matter

2509

01:57:38,220 --> 01:57:36,369

the cause ongoing stress and elevated

2510

01:57:40,740 --> 01:57:38,230

levels of the stress hormone cortisol

2511

01:57:43,379 --> 01:57:40,750

can rob your memory your health your

2512

01:57:45,569 --> 01:57:43,389

quality of life and your future now you

2513

01:57:47,729 --> 01:57:45,579

can combat the effects of stress and

2514

01:57:50,189 --> 01:57:47,739

anxiety while improving your memory and

2515

01:57:52,740 --> 01:57:50,199

recall at the same time with the dietary

2516

01:57:54,600 --> 01:57:52,750

supplement calm and clever studies show

2517

01:57:57,899 --> 01:57:54,610

that the ingredients in common clever

2518

01:58:00,330 --> 01:57:57,909

reduce cortisol by as much as 30% in as

2519

01:58:02,549 --> 01:58:00,340

little as one to two weeks and increase

2520

01:58:04,560 --> 01:58:02,559

your ability to recall facts names and

2521

01:58:06,899 --> 01:58:04,570

numbers in four to twelve weeks

2522

01:58:09,060 --> 01:58:06,909

calm and clever was created by scientist

2523

01:58:12,120 --> 01:58:09,070

Kurt Hendricks a principal investigator

2524

01:58:14,310 --> 01:58:12,130

in two NIH funded studies on Alzheimer's

2525

01:58:16,830 --> 01:58:14,320

disease try calm and clever for two

2526

01:58:19,140 --> 01:58:16,840

months you'll feel the difference call

2527

01:58:22,950 --> 01:58:19,150

1-800 seven five eight eight seven four

2528

01:58:24,359 --> 01:58:22,960

six or go to calm and clever calm did

2529

01:58:26,970 --> 01:58:24,369

you know that when you're on the road

2530

01:58:29,040 --> 01:58:26,980

with limited data or Wi-Fi available you

2531

01:58:31,169 --> 01:58:29,050

can still listen to every minute a fade

2532

01:58:34,020 --> 01:58:31,179

to black by just calling six oh five

2533

01:58:36,479 --> 01:58:34,030

five six two four four eight two no

2534

01:58:38,819 --> 01:58:36,489

smartphone app or internet needed it

2535

01:58:41,459 --> 01:58:38,829

saves your data plan and no extra cost

2536

01:58:44,310 --> 01:58:41,469

if you have unlimited minutes just call

2537

01:58:46,770 --> 01:58:44,320

six oh five five six two four four eight

2538

01:58:49,859 --> 01:58:46,780

two you can listen to me Jimmy Church on

2539

01:58:50,660 --> 01:58:49,869

any phone anytime anywhere Gobekli

2540

01:58:59,750 --> 01:58:50,670

Debbie

2541

01:59:06,150 --> 01:59:01,890

you want to know a secret

2542

01:59:09,090 --> 01:59:06,160

I love ponies I really love ponies I'm

2543

01:59:10,340 --> 01:59:09,100

serious I couldn't stay sane without

2544

01:59:14,280 --> 01:59:10,350

poor mr. cross

2545

01:59:19,120 --> 01:59:14,290

why fade to black because you never got

2546

01:59:24,090 --> 01:59:21,610

this is fade to black with Jimmy Church

2547

01:59:28,930 --> 01:59:24,100

on the game changer radio network and

2548

01:59:38,399 --> 01:59:28,940

kgr a the global radio alliance

2549

01:59:45,660 --> 01:59:42,379

all right welcome back fade to black oh

2550

01:59:48,930 --> 01:59:45,670

man what a show tonight Randall Carlson

2551
01:59:51,540 --> 01:59:48,940
sacred geometry 101 we're going through

2552
01:59:54,840 --> 01:59:51,550
the images that are in the gallery here

2553
02:00:02,040 --> 01:59:54,850
and you know Randall what's fascinating

2554
02:00:03,540 --> 02:00:02,050
with the number six which is foo has a

2555
02:00:07,229 --> 02:00:03,550
new claw

2556
02:00:09,419 --> 02:00:07,239
I see DNA with that but to have the male

2557
02:00:12,169 --> 02:00:09,429
the the feminine and the masculine with

2558
02:00:16,620 --> 02:00:12,179
the square the plumb-bob the compass

2559
02:00:20,399 --> 02:00:16,630
again the zodiac connections here the

2560
02:00:23,660 --> 02:00:20,409
constellations fascinating image but

2561
02:00:27,600 --> 02:00:23,670
it's nearly identical to the alchemical

2562
02:00:31,229 --> 02:00:27,610
references I mean just unbelievably the

2563
02:00:33,990 --> 02:00:31,239

same except I see DNA and and one's

2564

02:00:37,620 --> 02:00:34,000

gonna say you know Jimmy come on DNA in

2565

02:00:39,570 --> 02:00:37,630

the 11th century ident that's what I see

2566

02:00:40,970 --> 02:00:39,580

here I don't see a serpent well I guess

2567

02:00:43,649 --> 02:00:40,980

they could be the same thing anyway

2568

02:00:46,950 --> 02:00:43,659

well Jimmy what if the serpent was

2569

02:00:50,340 --> 02:00:46,960

oftentimes used or sometimes used as a

2570

02:00:52,229 --> 02:00:50,350

symbol for DNA right where's this this

2571

02:00:54,660 --> 02:00:52,239

would invite the derision of the

2572

02:00:56,550 --> 02:00:54,670

skeptics but I think we have to be open

2573

02:00:57,959 --> 02:00:56,560

and part of the big I think part of the

2574

02:00:59,729 --> 02:00:57,969

implication of when you get into these

2575

02:01:03,500 --> 02:00:59,739

kind of studies is that we have to be

2576

02:01:07,320 --> 02:01:03,510

open to a completely altered version of

2577

02:01:09,000 --> 02:01:07,330

what we think we know about the past now

2578

02:01:12,390 --> 02:01:09,010

yeah I want to John want to jump ahead

2579

02:01:15,270 --> 02:01:12,400

and go to creation as written in Zen

2580

02:01:17,879 --> 02:01:15,280

calligraphy and I'm gonna say this when

2581

02:01:21,510 --> 02:01:17,889

you go to art school and you go through

2582

02:01:24,930 --> 02:01:21,520

art classes right here this image here

2583

02:01:28,590 --> 02:01:24,940

this is where you start your your

2584

02:01:30,149 --> 02:01:28,600

classes whether it's fine art industrial

2585

02:01:31,830 --> 02:01:30,159

Isan whatever you're doing you look at

2586

02:01:34,169 --> 02:01:31,840

these three the square of the triangle

2587

02:01:36,990 --> 02:01:34,179

in the circle and when I did when I had

2588

02:01:40,229 --> 02:01:37,000

my first little design studio

2589

02:01:42,959 --> 02:01:40,239

this was my logo and I thought I was

2590

02:01:44,910 --> 02:01:42,969

being creative right but every art

2591

02:01:48,540 --> 02:01:44,920

student in the world also use this for

2592

02:01:51,180 --> 02:01:48,550

the logo further first because it is the

2593

02:01:56,070 --> 02:01:51,190

basics of the basics what

2594

02:01:57,810 --> 02:01:56,080

what when was this dated this I'm not

2595

02:01:59,729 --> 02:01:57,820

sure I think this has been utilized

2596

02:02:03,450 --> 02:01:59,739

quite frequently

2597

02:02:05,580 --> 02:02:03,460

Robert Lawler introduced this idea it's

2598

02:02:08,280 --> 02:02:05,590

probably relatively contemporary but I

2599

02:02:10,560 --> 02:02:08,290

think it has ancient roots and since you

2600

02:02:13,760 --> 02:02:10,570

brought up classes before I forget I do

2601
02:02:16,530 --> 02:02:13,770
want to mention that Cameron over at

2602
02:02:18,900 --> 02:02:16,540
sacred geometry International is doing

2603
02:02:21,150 --> 02:02:18,910
an equinox sail and we have got some

2604
02:02:23,490 --> 02:02:21,160
online classes that take people through

2605
02:02:25,920 --> 02:02:23,500
the operations of sacred geometry

2606
02:02:28,350 --> 02:02:25,930
starting from the very simplest working

2607
02:02:31,560 --> 02:02:28,360
up more and more complex and he is

2608
02:02:34,290 --> 02:02:31,570
offering a really good deal on that and

2609
02:02:36,390 --> 02:02:34,300
tell him and he's listening right now

2610
02:02:38,790 --> 02:02:36,400
tell him to post it in Twitter and we

2611
02:02:40,320 --> 02:02:38,800
will bust it out on all of social media

2612
02:02:42,150 --> 02:02:40,330
right now tell him to quit playing

2613
02:02:45,080 --> 02:02:42,160

around he's listening to us right now

2614

02:02:48,390 --> 02:02:45,090

yeah Cameron quit playing around Kuzmin

2615

02:02:52,229 --> 02:02:48,400

quit goofing around put this out there

2616

02:02:54,600 --> 02:02:52,239

man you know he yeah he's got some juicy

2617

02:02:57,120 --> 02:02:54,610

stuff over there and so I would please

2618

02:02:59,700 --> 02:02:57,130

invite people to go check it out and see

2619

02:03:01,590 --> 02:02:59,710

what he's offering because he's he's

2620

02:03:04,500 --> 02:03:01,600

really got some some good deals yeah

2621

02:03:07,770 --> 02:03:04,510

he's a pretty smart guy too oh you know

2622

02:03:08,970 --> 02:03:07,780

what I wanted to ask you and this just

2623

02:03:11,310 --> 02:03:08,980

we've been talking about crop circles

2624

02:03:13,950 --> 02:03:11,320

over the last couple of months more more

2625

02:03:18,720 --> 02:03:13,960

than we usually do but the more that I

2626

02:03:20,250 --> 02:03:18,730

look at crop circles all I see is I

2627

02:03:22,080 --> 02:03:20,260

don't know where the intelligence comes

2628

02:03:23,729 --> 02:03:22,090

I don't know who's designing them I

2629

02:03:25,610 --> 02:03:23,739

don't know if it's extraterrestrial or

2630

02:03:29,850 --> 02:03:25,620

if it's a couple of brainiacs from

2631

02:03:32,220 --> 02:03:29,860

London I don't know but it takes sacred

2632

02:03:34,830 --> 02:03:32,230

geometry to a whole nother level when

2633

02:03:37,439 --> 02:03:34,840

you look at some of these complex crop

2634

02:03:39,380 --> 02:03:37,449

circles are you impressed oh yeah

2635

02:03:43,290 --> 02:03:39,390

absolutely I'm impressed

2636

02:03:45,810 --> 02:03:43,300

and you know I i waver back and forth my

2637

02:03:48,030 --> 02:03:45,820

you know in my more skeptical moments

2638

02:03:51,689 --> 02:03:48,040

I'm thinking well what you have is a

2639

02:03:53,939 --> 02:03:51,699

team I think about oftentimes my own way

2640

02:03:56,100 --> 02:03:53,949

of making a living and going out with a

2641

02:03:58,860 --> 02:03:56,110

team you know with our instruments in

2642

02:04:01,530 --> 02:03:58,870

hand and doing this thing and I'm

2643

02:04:04,560 --> 02:04:01,540

thinking you know if I'm going to take

2644

02:04:05,100 --> 02:04:04,570

the more reductionist point of view yeah

2645

02:04:07,140 --> 02:04:05,110

you've got

2646

02:04:10,229 --> 02:04:07,150

this this team that's worked out this

2647

02:04:12,840 --> 02:04:10,239

stuff really elaborately but then in my

2648

02:04:13,979 --> 02:04:12,850

you know in other times I think yeah but

2649

02:04:14,879 --> 02:04:13,989

how the hell do they do this without

2650

02:04:18,600 --> 02:04:14,889

getting caught

2651
02:04:20,430 --> 02:04:18,610
well I know I knew now okay let me ask

2652
02:04:22,919 --> 02:04:20,440
you ladies are out there you know what

2653
02:04:25,080 --> 02:04:22,929
with with you know infrared goggles and

2654
02:04:26,490 --> 02:04:25,090
they can actually see and you know to

2655
02:04:28,620 --> 02:04:26,500
pull something like that off you would

2656
02:04:30,330 --> 02:04:28,630
have to rehearse it you would have to go

2657
02:04:31,620 --> 02:04:30,340
through the motions repeatedly because

2658
02:04:33,780 --> 02:04:31,630
if you're going to go out there and do

2659
02:04:36,990 --> 02:04:33,790
this thing in a matter of hours with no

2660
02:04:38,430 --> 02:04:37,000
mistakes no mistake yeah and it's just

2661
02:04:39,899 --> 02:04:38,440
like you know typically if we're going

2662
02:04:42,810 --> 02:04:39,909
to build a house we may take three or

2663
02:04:44,459 --> 02:04:42,820

four months but if you plan ahead and

2664

02:04:46,530 --> 02:04:44,469

you may have seen some of this where you

2665

02:04:50,100 --> 02:04:46,540

know you get the crews everybody's ready

2666

02:04:52,919 --> 02:04:50,110

everything is in place they slam it and

2667

02:04:56,040 --> 02:04:52,929

they build a house in 24 hours right

2668

02:04:58,760 --> 02:04:56,050

right well that took oh it took many

2669

02:05:02,310 --> 02:04:58,770

many many more than 24 hours to prepare

2670

02:05:04,169 --> 02:05:02,320

to build a house in 24 hours so you know

2671

02:05:05,939 --> 02:05:04,179

having looked at that process today well

2672

02:05:09,000 --> 02:05:05,949

now is that how we could explain to crop

2673

02:05:12,840 --> 02:05:09,010

circles than to be frank I don't know I

2674

02:05:15,930 --> 02:05:12,850

know and look you've said earlier need

2675

02:05:18,959 --> 02:05:15,940

to drive this home a steak and a piece

2676

02:05:21,450 --> 02:05:18,969

of string you can get a lot done and I

2677

02:05:23,550 --> 02:05:21,460

look at these crop circles and it's look

2678

02:05:27,780 --> 02:05:23,560

it's obvious right and I'm thinking

2679

02:05:31,260 --> 02:05:27,790

every time a steak a piece of string and

2680

02:05:33,000 --> 02:05:31,270

and somehow getting this done with you

2681

02:05:35,550 --> 02:05:33,010

and your team with all of your knowledge

2682

02:05:37,680 --> 02:05:35,560

in the design could you pull off a crop

2683

02:05:40,649 --> 02:05:37,690

circle like some of these elaborate ones

2684

02:05:43,859 --> 02:05:40,659

could you pull it off yourself well let

2685

02:05:46,530 --> 02:05:43,869

me put it to this if I in my team

2686

02:05:49,260 --> 02:05:46,540

spent maybe a year or two training in

2687

02:05:51,090 --> 02:05:49,270

all of the techniques and had mastered

2688

02:05:53,250 --> 02:05:51,100

them you know maybe I don't know I never

2689

02:05:55,320 --> 02:05:53,260

really thought about that but you know

2690

02:05:57,479 --> 02:05:55,330

I'm also thinking you know we have

2691

02:06:00,030 --> 02:05:57,489

graduated up from using simply string to

2692

02:06:02,970 --> 02:06:00,040

you know we use lasers now you know we

2693

02:06:06,149 --> 02:06:02,980

have a laser instrument that we will use

2694

02:06:09,990 --> 02:06:06,159

that we can you know do all of our

2695

02:06:13,470 --> 02:06:10,000

layout with we'll use our laser to to

2696

02:06:16,050 --> 02:06:13,480

level things and to cite things and line

2697

02:06:18,240 --> 02:06:16,060

things up precisely so I'm thinking if I

2698

02:06:18,960 --> 02:06:18,250

was going to attempt that nism so maybe

2699

02:06:20,640 --> 02:06:18,970

if there's anybody

2700

02:06:23,160 --> 02:06:20,650

out there that wants to fund a research

2701

02:06:26,220 --> 02:06:23,170

project we could see what we could pull

2702

02:06:28,110 --> 02:06:26,230

off I don't know maybe maybe so clearly

2703

02:06:30,690 --> 02:06:28,120

if somebody is actually doing it though

2704

02:06:34,620 --> 02:06:30,700

they certainly know some geometry they

2705

02:06:37,250 --> 02:06:34,630

do and this is this trippy thing they're

2706

02:06:40,650 --> 02:06:37,260

not using lasers they're not even using

2707

02:06:42,870 --> 02:06:40,660

flashlights or they would be seen I

2708

02:06:44,880 --> 02:06:42,880

would I can imagine a Hollywood

2709

02:06:49,230 --> 02:06:44,890

production with floodlights and lie

2710

02:06:50,820 --> 02:06:49,240

dolls and you know 3040 people and all

2711

02:06:52,950 --> 02:06:50,830

but no that's not what's going on

2712

02:06:55,230 --> 02:06:52,960

otherwise we would see it and it'd be on

2713

02:06:58,140 --> 02:06:55,240

videotape and it would be story over

2714

02:07:00,690 --> 02:06:58,150

right that's it close the book on that

2715

02:07:04,560 --> 02:07:00,700

all right let's go to probably the most

2716

02:07:09,330 --> 02:07:04,570

famous image everything that you said

2717

02:07:13,650 --> 02:07:09,340

which is image number 8 the Masonic logo

2718

02:07:15,510 --> 02:07:13,660

the square and the compass okay I know

2719

02:07:18,480 --> 02:07:15,520

it's fundamental but take us through

2720

02:07:20,490 --> 02:07:18,490

this well it's just it is fundamentally

2721

02:07:23,280 --> 02:07:20,500

it's the two instruments of geometry and

2722

02:07:25,230 --> 02:07:23,290

you've got a compass set at 60 degrees

2723

02:07:27,390 --> 02:07:25,240

and you have the square which is the

2724

02:07:29,780 --> 02:07:27,400

right angle of 90 degrees and in the

2725

02:07:32,220 --> 02:07:29,790

fundamental operation of sacred geometry

2726

02:07:34,860 --> 02:07:32,230

which is the creation of the vesica

2727

02:07:36,810 --> 02:07:34,870

which is the overlap of two circles

2728

02:07:39,330 --> 02:07:36,820

which if we have time to get into a few

2729

02:07:41,580 --> 02:07:39,340

more images will see that you can

2730

02:07:44,520 --> 02:07:41,590

basically generate both the equilateral

2731

02:07:47,010 --> 02:07:44,530

triangle and the square and in the

2732

02:07:48,630 --> 02:07:47,020

previous image that we were looking at

2733

02:07:50,970 --> 02:07:48,640

the Zen calligraphy I may mention it

2734

02:07:53,700 --> 02:07:50,980

that it's read from right to left so the

2735

02:07:55,590 --> 02:07:53,710

circle is the most fundamental form then

2736

02:07:58,200 --> 02:07:55,600

the equilateral triangle follows from

2737

02:08:00,480 --> 02:07:58,210

that and in a rectilinear form which is

2738

02:08:04,110 --> 02:08:00,490

the more complex form follows from that

2739

02:08:07,620 --> 02:08:04,120

so it kind of you know the pattern of

2740

02:08:10,560 --> 02:08:07,630

the Zen calligraphy mimics sort of the

2741

02:08:12,300 --> 02:08:10,570

process of creation and the process of

2742

02:08:15,360 --> 02:08:12,310

geometry whereby you start with the

2743

02:08:17,130 --> 02:08:15,370

simplest form which is a circle which is

2744

02:08:19,260 --> 02:08:17,140

the circumference in the centre and from

2745

02:08:23,000 --> 02:08:19,270

that you can get an equilateral triangle

2746

02:08:27,570 --> 02:08:23,010

and the reason is is that by whatever

2747

02:08:29,640 --> 02:08:27,580

coincidence of you know of reality it

2748

02:08:32,820 --> 02:08:29,650

just so happens that the radius of a

2749

02:08:36,180 --> 02:08:32,830

circle will exactly step off the

2750

02:08:40,380 --> 02:08:36,190

Comfort six times so the division of

2751

02:08:42,780 --> 02:08:40,390

anybody who is able to draw a circle by

2752

02:08:45,180 --> 02:08:42,790

means of a compass and you can draw you

2753

02:08:47,460 --> 02:08:45,190

could make a compass very simply just

2754

02:08:49,800 --> 02:08:47,470

like in some of the previous images by

2755

02:08:51,840 --> 02:08:49,810

by essentially just the compasses that

2756

02:08:54,240 --> 02:08:51,850

we sell for the or that we include with

2757

02:08:57,120 --> 02:08:54,250

the sacred geometry class are basically

2758

02:09:01,530 --> 02:08:57,130

two pieces of wood held together with a

2759

02:09:03,810 --> 02:09:01,540

clip and it's a relatively simple affair

2760

02:09:05,370 --> 02:09:03,820

but it's very effective and again you

2761

02:09:08,010 --> 02:09:05,380

know you can use a piece of string with

2762

02:09:09,960 --> 02:09:08,020

a stake in the ground but the idea is is

2763

02:09:13,140 --> 02:09:09,970

that if you draw a circle

2764

02:09:14,760 --> 02:09:13,150

anybody could then further experimenting

2765

02:09:17,070 --> 02:09:14,770

or playing with it could discover that

2766

02:09:19,530 --> 02:09:17,080

yeah if you step off that with the

2767

02:09:21,210 --> 02:09:19,540

radius of that circle start at any point

2768

02:09:21,960 --> 02:09:21,220

on the circumference it and walk it

2769

02:09:24,330 --> 02:09:21,970

around

2770

02:09:27,060 --> 02:09:24,340

it'll exactly step off the circumference

2771

02:09:30,110 --> 02:09:27,070

six times producing a hexagon and from

2772

02:09:33,240 --> 02:09:30,120

that hexagon now if you begin to connect

2773

02:09:35,640 --> 02:09:33,250

you know if you connect one point skip a

2774

02:09:36,960 --> 02:09:35,650

point to the next point skip a point to

2775

02:09:38,220 --> 02:09:36,970

the next one and then go back to the

2776

02:09:40,050 --> 02:09:38,230

original point you'll have an

2777

02:09:42,060 --> 02:09:40,060

equilateral triangle if you do that

2778

02:09:44,010 --> 02:09:42,070

again you'll have the hexagram which is

2779

02:09:46,830 --> 02:09:44,020

the six pointed star right which is you

2780

02:09:49,350 --> 02:09:46,840

know the the star is right right right

2781

02:09:52,370 --> 02:09:49,360

yeah and so here in this particular

2782

02:09:55,440 --> 02:09:52,380

figure basically what you've got is the

2783

02:09:57,870 --> 02:09:55,450

the compass with with which you can draw

2784

02:10:00,150 --> 02:09:57,880

the circles and you've got and it's set

2785

02:10:01,650 --> 02:10:00,160

at 60 degrees which is the equilateral

2786

02:10:04,740 --> 02:10:01,660

triangle and then you've got the 90

2787

02:10:07,250 --> 02:10:04,750

degrees square but in the philosophy of

2788

02:10:10,770 --> 02:10:07,260

sacred geometry the ultimate act of

2789

02:10:13,410 --> 02:10:10,780

geometry is the reconciliation of square

2790

02:10:16,140 --> 02:10:13,420

and circle it's called the squaring of

2791

02:10:19,620 --> 02:10:16,150

the circle right and because based upon

2792

02:10:22,020 --> 02:10:19,630

the mathematics you can have an exact

2793

02:10:25,260 --> 02:10:22,030

measurement for one but not the other

2794

02:10:27,990 --> 02:10:25,270

in other words and generally a square is

2795

02:10:30,240 --> 02:10:28,000

considered an emblem of rationality and

2796

02:10:31,980 --> 02:10:30,250

anything that is finite and measurable

2797

02:10:34,980 --> 02:10:31,990

because of the fact that the very

2798

02:10:37,080 --> 02:10:34,990

rational relationship between the sides

2799

02:10:39,510 --> 02:10:37,090

of a square and its perimeter whereas

2800

02:10:41,820 --> 02:10:39,520

with the circle you don't have this

2801
02:10:44,520 --> 02:10:41,830
rational relationship you cannot express

2802
02:10:46,850 --> 02:10:44,530
you could express the circumference as a

2803
02:10:49,790 --> 02:10:46,860
whole number but then the diameter is

2804
02:10:51,740 --> 02:10:49,800
a whole number or vice-versa usually you

2805
02:10:54,320 --> 02:10:51,750
take the diameter if you take the

2806
02:10:56,419 --> 02:10:54,330
diameter as one one unit which is the

2807
02:10:58,490 --> 02:10:56,429
unit circle then the circumference is

2808
02:11:00,649 --> 02:10:58,500
going to have the value of pi which is a

2809
02:11:02,510 --> 02:11:00,659
non-repeating nonterminating decimal

2810
02:11:04,910 --> 02:11:02,520
number which we call an irrational

2811
02:11:06,229 --> 02:11:04,920
number and then the previous numbers

2812
02:11:09,500 --> 02:11:06,239
that we talked about like the square

2813
02:11:11,229 --> 02:11:09,510

root of two that defined that that the

2814

02:11:14,149 --> 02:11:11,239

painting of God

2815

02:11:16,070 --> 02:11:14,159

you know striking out the universe with

2816

02:11:18,910 --> 02:11:16,080

my compass right that is also an

2817

02:11:22,280 --> 02:11:18,920

irrational number it starts out 1.4142

2818

02:11:26,000 --> 02:11:22,290

one three five six two but then it goes

2819

02:11:28,160 --> 02:11:26,010

on forever and so anybody using it will

2820

02:11:30,109 --> 02:11:28,170

have to basically round off at some

2821

02:11:32,720 --> 02:11:30,119

point just like you round off pi usually

2822

02:11:34,970 --> 02:11:32,730

to one point say three one four if

2823

02:11:36,700 --> 02:11:34,980

you're going to use pi but the

2824

02:11:39,379 --> 02:11:36,710

interesting thing though about the

2825

02:11:40,760 --> 02:11:39,389

rational numbers is that even though

2826

02:11:43,250 --> 02:11:40,770

when you try to express them

2827

02:11:46,189 --> 02:11:43,260

mathematically you cannot you cannot set

2828

02:11:48,410 --> 02:11:46,199

them up as a fraction you can't set you

2829

02:11:50,479 --> 02:11:48,420

know the diameter of a circle and then

2830

02:11:52,640 --> 02:11:50,489

the circumference of a circle in a in a

2831

02:11:55,450 --> 02:11:52,650

fraction where you've got integers in

2832

02:11:58,820 --> 02:11:55,460

both numerator and denominator but in

2833

02:12:00,770 --> 02:11:58,830

geometry you can actually get the exact

2834

02:12:05,359 --> 02:12:00,780

relationships even though you can't

2835

02:12:07,640 --> 02:12:05,369

express or as close as you can draw but

2836

02:12:09,800 --> 02:12:07,650

you can't express some mathematics there

2837

02:12:12,470 --> 02:12:09,810

in your reconcilable mathematically in

2838

02:12:15,530 --> 02:12:12,480

other words irrational and so what we

2839

02:12:19,250 --> 02:12:15,540

have here in this is the reconciliation

2840

02:12:20,870 --> 02:12:19,260

of square and compass which is the

2841

02:12:23,080 --> 02:12:20,880

squaring of the circle which is sort of

2842

02:12:25,729 --> 02:12:23,090

a hidden meaning of this particular

2843

02:12:28,149 --> 02:12:25,739

image here and the squaring of the

2844

02:12:31,010 --> 02:12:28,159

circle again represented the ultimate

2845

02:12:33,500 --> 02:12:31,020

reconciliation of opposing forces in the

2846

02:12:38,709 --> 02:12:33,510

universe so measurable versus

2847

02:12:41,379 --> 02:12:38,719

immeasurable finite versus in finite

2848

02:12:44,300 --> 02:12:41,389

rational versus irrational those

2849

02:12:46,580 --> 02:12:44,310

concepts like that so the circle was

2850

02:12:49,370 --> 02:12:46,590

usually considered to be a symbol of the

2851

02:12:51,140 --> 02:12:49,380

heavens the square was taken to be a

2852

02:12:53,750 --> 02:12:51,150

symbol of the earth in the

2853

02:12:56,060 --> 02:12:53,760

reconciliation of the opposing forces of

2854

02:12:58,580 --> 02:12:56,070

circle and square it also represented

2855

02:13:00,290 --> 02:12:58,590

the Summum bonum of the alchemical

2856

02:13:02,479 --> 02:13:00,300

operation which

2857

02:13:06,890 --> 02:13:02,489

the linking of heaven and earth which is

2858

02:13:10,129 --> 02:13:06,900

the basic axiom of sake of alchemy which

2859

02:13:13,520 --> 02:13:10,139

is as above so below let's continue and

2860

02:13:15,169 --> 02:13:13,530

well let's get to the vesica before we

2861

02:13:19,339 --> 02:13:15,179

start to run out of time here very

2862

02:13:22,040 --> 02:13:19,349

important image yeah the next figure

2863

02:13:23,299 --> 02:13:22,050

shows an elaboration of the vesica which

2864

02:13:26,810 --> 02:13:23,309

if you look carefully you'll see that

2865

02:13:28,250 --> 02:13:26,820

there's two circles overlapping and they

2866

02:13:30,859 --> 02:13:28,260

overlap in such a way that the

2867

02:13:33,620 --> 02:13:30,869

circumference of one falls on the center

2868

02:13:35,390 --> 02:13:33,630

of the other and anybody could draw this

2869

02:13:38,060 --> 02:13:35,400

you know this this wouldn't take in

2870

02:13:39,799 --> 02:13:38,070

advanced technology also it all it would

2871

02:13:43,879 --> 02:13:39,809

take would be like we talked about a

2872

02:13:46,399 --> 02:13:43,889

steak and some string so you basically

2873

02:13:49,069 --> 02:13:46,409

draw one circle and then you move your

2874

02:13:52,129 --> 02:13:49,079

center of your compass or your steak or

2875

02:13:54,589 --> 02:13:52,139

whatever to the circumference of that

2876
02:13:56,990 --> 02:13:54,599
first circle you drew and then you draw

2877
02:13:59,689 --> 02:13:57,000
a second circle of the same exact

2878
02:14:02,839 --> 02:13:59,699
diameter and then it's the overlap of

2879
02:14:06,109 --> 02:14:02,849
those two circles that forms the vesica

2880
02:14:09,080 --> 02:14:06,119
which basically means a vessel and the

2881
02:14:11,870 --> 02:14:09,090
vesica was considered to be a feminine

2882
02:14:14,270 --> 02:14:11,880
symbol and it was often associated with

2883
02:14:16,100 --> 02:14:14,280
the vagina and with the womb and it's

2884
02:14:20,950 --> 02:14:16,110
interesting because it's out of the

2885
02:14:24,410 --> 02:14:20,960
vesica that emerges is the full all the

2886
02:14:27,350 --> 02:14:24,420
generations of geometry emerge from the

2887
02:14:29,120 --> 02:14:27,360
vesica all the complex forms come out of

2888
02:14:31,310 --> 02:14:29,130

that vesica starting with the

2889

02:14:33,200 --> 02:14:31,320

equilateral triangle then you're moving

2890

02:14:37,069 --> 02:14:33,210

to the square then moving to the

2891

02:14:40,189 --> 02:14:37,079

Pentagon and the hexagon the the seven

2892

02:14:42,950 --> 02:14:40,199

side of the nonagon the the octagon all

2893

02:14:45,470 --> 02:14:42,960

of these can be generated starting with

2894

02:14:48,049 --> 02:14:45,480

the the fundamental form of the of the

2895

02:14:51,799 --> 02:14:48,059

vesica I remember back in art school as

2896

02:14:57,080 --> 02:14:51,809

well when we were looking at the vesica

2897

02:14:59,030 --> 02:14:57,090

that all design everything everything

2898

02:15:02,560 --> 02:14:59,040

can come from a basket and I remember my

2899

02:15:05,589 --> 02:15:02,570

what about our teachers saying a car

2900

02:15:09,080 --> 02:15:05,599

could not be designed without the vesica

2901
02:15:11,419 --> 02:15:09,090
everything that you see is represented

2902
02:15:13,440 --> 02:15:11,429
here and it's a mind-blowing concept but

2903
02:15:15,360 --> 02:15:13,450
then when you start to look at it

2904
02:15:17,250 --> 02:15:15,370
can go deeper and deeper and deeper and

2905
02:15:21,270 --> 02:15:17,260
deeper and everything is represented

2906
02:15:23,550 --> 02:15:21,280
right here yes that's that's that would

2907
02:15:24,270 --> 02:15:23,560
be an accurate interpretation of it

2908
02:15:29,220 --> 02:15:24,280
absolutely

2909
02:15:32,280 --> 02:15:29,230
and so that overlap that's the vesica

2910
02:15:35,220 --> 02:15:32,290
it's the vessel interestingly you know

2911
02:15:38,670 --> 02:15:35,230
it has sort of a also a ship like form

2912
02:15:40,380 --> 02:15:38,680
to it and you know when a lot of the

2913
02:15:42,810 --> 02:15:40,390

Gothic cathedrals are based upon the

2914

02:15:44,490 --> 02:15:42,820

proportion of a vesica shard is a prime

2915

02:15:48,180 --> 02:15:44,500

example where the length to width ratio

2916

02:15:50,130 --> 02:15:48,190

of the of the Cathedral is the same as

2917

02:15:51,870 --> 02:15:50,140

the length to width ratio of the vesica

2918

02:15:53,910 --> 02:15:51,880

which by the way happens to be the

2919

02:15:55,320 --> 02:15:53,920

square root of 3 so if you look at this

2920

02:15:58,470 --> 02:15:55,330

figure that we've got up here the long

2921

02:16:02,820 --> 02:15:58,480

vertical axis well let's say this if the

2922

02:16:04,920 --> 02:16:02,830

horizontal axis is 1 then the long

2923

02:16:06,690 --> 02:16:04,930

vertical axis is the square root of 3

2924

02:16:10,260 --> 02:16:06,700

the irrational number the square root of

2925

02:16:11,760 --> 02:16:10,270

3 and since all of science derives from

2926

02:16:14,670 --> 02:16:11,770

mathematics and all of mathematics

2927

02:16:17,370 --> 02:16:14,680

derives from geometry and all of

2928

02:16:20,280 --> 02:16:17,380

geometry derives from the vesica you can

2929

02:16:23,100 --> 02:16:20,290

see that yes your art constructor was

2930

02:16:24,450 --> 02:16:23,110

absolutely correct in saying that it all

2931

02:16:27,570 --> 02:16:24,460

starts with this figure right here

2932

02:16:31,260 --> 02:16:27,580

that's right and it's so important and

2933

02:16:34,770 --> 02:16:31,270

and now let's go to huh which is really

2934

02:16:38,640 --> 02:16:34,780

cool let's go to image number 10 the

2935

02:16:41,580 --> 02:16:38,650

cover of the chalice well because what

2936

02:16:44,490 --> 02:16:41,590

are we looking at here well here we see

2937

02:16:46,980 --> 02:16:44,500

it this was a design by Bly bond in the

2938

02:16:49,500 --> 02:16:46,990

early 20th century who had studied

2939

02:16:53,370 --> 02:16:49,510

deeply into the you know the mysteries

2940

02:16:55,740 --> 02:16:53,380

of alchemy and the Holy Grail and of

2941

02:16:56,580 --> 02:16:55,750

course Glastonbury is associated with

2942

02:16:59,660 --> 02:16:56,590

the Grails

2943

02:17:02,940 --> 02:16:59,670

traditions and so this is a very

2944

02:17:05,430 --> 02:17:02,950

suitable form to be on the lid to the

2945

02:17:08,550 --> 02:17:05,440

sacred well and again going back to our

2946

02:17:11,360 --> 02:17:08,560

discussion about the idea of water being

2947

02:17:14,160 --> 02:17:11,370

associated with these sacred sites

2948

02:17:16,770 --> 02:17:14,170

Glastonbury Abbey was built over a site

2949

02:17:19,110 --> 02:17:16,780

of underground water which emerged at

2950

02:17:22,770 --> 02:17:19,120

the surface at this well and this was

2951

02:17:24,180 --> 02:17:22,780

the the cover of the well of the chalice

2952

02:17:26,280 --> 02:17:24,190

well and traditionally it had always

2953

02:17:27,929 --> 02:17:26,290

been called the chalice well and in this

2954

02:17:30,209 --> 02:17:27,939

case the child

2955

02:17:32,910 --> 02:17:30,219

being referenced is none other than the

2956

02:17:35,820 --> 02:17:32,920

Holy Grail you know which was this

2957

02:17:39,479 --> 02:17:35,830

figure which was this image that we've

2958

02:17:42,860 --> 02:17:39,489

got from these medieval romances written

2959

02:17:46,740 --> 02:17:42,870

in the late 11th and early 1200s

2960

02:17:49,830 --> 02:17:46,750

referring back to earlier events and

2961

02:17:52,589 --> 02:17:49,840

full of very interesting imagery very

2962

02:17:54,839 --> 02:17:52,599

potent stuff and I mean we could devote

2963

02:17:59,879 --> 02:17:54,849

a whole discussion just to the Grail

2964

02:18:02,400 --> 02:17:59,889

imagery a lot of overlap between the

2965

02:18:06,000 --> 02:18:02,410

Grail stories and the traditions of

2966

02:18:08,790 --> 02:18:06,010

alchemy and hermeticism lots of

2967

02:18:12,500 --> 02:18:08,800

parallels there but you know basically

2968

02:18:16,019 --> 02:18:12,510

the idea in the Grail stories was that

2969

02:18:18,599 --> 02:18:16,029

the land had fallen into waste the the

2970

02:18:20,700 --> 02:18:18,609

fertile kingdom had become a wasteland

2971

02:18:23,729 --> 02:18:20,710

at the same time that the King had

2972

02:18:26,370 --> 02:18:23,739

become debilitated and incapacitated and

2973

02:18:28,349 --> 02:18:26,380

the Grail was the secret to restoring

2974

02:18:31,019 --> 02:18:28,359

not only the health of the King but

2975

02:18:35,089 --> 02:18:31,029

restoring the wasteland restoring the

2976

02:18:37,769 --> 02:18:35,099

land to to fertility and fecundity and I

2977

02:18:40,259 --> 02:18:37,779

have strongly believed for a long time

2978

02:18:43,200 --> 02:18:40,269

now that the Grail symbolism represents

2979

02:18:46,799 --> 02:18:43,210

this what we might think of as a lost

2980

02:18:48,990 --> 02:18:46,809

technology for the restoration of a

2981

02:18:51,360 --> 02:18:49,000

landscape devastated in the wake of a

2982

02:18:54,000 --> 02:18:51,370

catastrophe to accelerate the recovery

2983

02:18:56,509 --> 02:18:54,010

of that landscape by utilizing these

2984

02:18:58,589 --> 02:18:56,519

subtle forces that are also now

2985

02:19:03,509 --> 02:18:58,599

demonstrated empirically to have a

2986

02:19:04,620 --> 02:19:03,519

relationship to biological activity and

2987

02:19:08,070 --> 02:19:04,630

again this could be a whole other

2988

02:19:09,570 --> 02:19:08,080

discussion we could have some time but I

2989

02:19:11,490 --> 02:19:09,580

think if we move I think let's see

2990

02:19:15,780 --> 02:19:11,500

what's the next image yeah actually I

2991

02:19:19,200 --> 02:19:15,790

just wanted to thank Cameron out of the

2992

02:19:21,690 --> 02:19:19,210

gate here for actually getting his job

2993

02:19:24,929 --> 02:19:21,700

done well done Cameron it's all out

2994

02:19:28,259 --> 02:19:24,939

there yeah he's obviously lizards it's

2995

02:19:30,000 --> 02:19:28,269

very cool okay yeah the next image and

2996

02:19:33,690 --> 02:19:30,010

we've got about seven minutes to the

2997

02:19:35,790 --> 02:19:33,700

bottom of the hour the next image Oh

2998

02:19:37,919 --> 02:19:35,800

Buddha okay yeah let's go in here

2999

02:19:41,099 --> 02:19:37,929

well here's Buddha seated within the

3000

02:19:42,389 --> 02:19:41,109

vesica and this has

3001

02:19:44,279 --> 02:19:42,399

parallels with the Christian tradition

3002

02:19:46,830 --> 02:19:44,289

because as we're going to see I think

3003

02:19:48,779 --> 02:19:46,840

the sequence of images got a little out

3004

02:19:50,189 --> 02:19:48,789

of order but if we move through them

3005

02:19:52,830 --> 02:19:50,199

what we'll be able to see because in

3006

02:19:55,649 --> 02:19:52,840

many of the facades of the cathedrals

3007

02:19:59,309 --> 02:19:55,659

Jesus is always depicted seated within a

3008

02:20:01,170 --> 02:19:59,319

vesicle and it basically conveys the

3009

02:20:03,719 --> 02:20:01,180

same ideas that we see right here with

3010

02:20:08,609 --> 02:20:03,729

Buddha seated within the vesica the idea

3011

02:20:10,710 --> 02:20:08,619

that the teacher the master see because

3012

02:20:13,559 --> 02:20:10,720

in another way even as the womb is

3013

02:20:16,769 --> 02:20:13,569

considered to be a doorway or an

3014

02:20:20,219 --> 02:20:16,779

aperture between two dimensions of being

3015

02:20:22,409 --> 02:20:20,229

or existence so is the vesica it's also

3016

02:20:25,109 --> 02:20:22,419

thought of as a doorway or an aperture

3017

02:20:27,630 --> 02:20:25,119

between worlds and so the fact that

3018

02:20:30,659 --> 02:20:27,640

Buddha or Christ is seated within the

3019

02:20:34,199 --> 02:20:30,669

gateway within the the aperture between

3020

02:20:38,580 --> 02:20:34,209

these worlds is highly significant now

3021

02:20:39,960 --> 02:20:38,590

go yeah yeah yeah let's jump over well

3022

02:20:41,760 --> 02:20:39,970

we're going to come back to the

3023

02:20:43,679 --> 02:20:41,770

Cathedral with the arches because I want

3024

02:20:47,809 --> 02:20:43,689

to jump to the vesica with the pyramid

3025

02:20:51,059 --> 02:20:47,819

and yeah and what's interesting here

3026

02:20:56,819 --> 02:20:51,069

Rita this is I don't know I think this

3027

02:20:58,920 --> 02:20:56,829

is image 13 is this the ratio of the

3028

02:20:59,670 --> 02:20:58,930

Great Pyramid and just tell me now blow

3029

02:21:02,819 --> 02:20:59,680

my mind

3030

02:21:05,519 --> 02:21:02,829

yes it is oh man

3031

02:21:08,399 --> 02:21:05,529

okay take us through this this is

3032

02:21:14,309 --> 02:21:08,409

absolutely mind-blowing because it looks

3033

02:21:16,439 --> 02:21:14,319

perfect it isn't it well yes and no I

3034

02:21:19,920 --> 02:21:16,449

mean it's so close that if you were to

3035

02:21:20,909 --> 02:21:19,930

use this to layout a structure you

3036

02:21:23,849 --> 02:21:20,919

wouldn't be able to tell the difference

3037

02:21:25,949 --> 02:21:23,859

between the idealized structure based

3038

02:21:27,420 --> 02:21:25,959

upon this pattern and the actual

3039

02:21:30,059 --> 02:21:27,430

structure sitting on the Giza Plateau

3040

02:21:31,649 --> 02:21:30,069

now what's the okay what's the degree

3041

02:21:33,619 --> 02:21:31,659

that I'm looking at here what are the

3042

02:21:37,649 --> 02:21:33,629

degrees on the sides of this pyramid

3043

02:21:41,729 --> 02:21:37,659

well it's very close to 51 degrees 51

3044

02:21:45,929 --> 02:21:41,739

minutes 15 1.8 Wow five roughly it's

3045

02:21:48,449 --> 02:21:45,939

it's very very very close and in this

3046

02:21:51,869 --> 02:21:48,459

you can see that it's actually you start

3047

02:21:54,239 --> 02:21:51,879

with the the vesica you can see the

3048

02:21:54,990 --> 02:21:54,249

overlap of the two circles you see the

3049

02:21:56,850 --> 02:21:55,000

rhombus

3050

02:21:59,490 --> 02:21:56,860

within the inner vesica that has the

3051
02:22:03,120 --> 02:21:59,500
root three dimensions and then the two

3052
02:22:06,540 --> 02:22:03,130
circles that let's say this Jimmy we

3053
02:22:09,120 --> 02:22:06,550
establish the inner vesica has a has a

3054
02:22:11,160 --> 02:22:09,130
width of one unit now we can see that

3055
02:22:13,860 --> 02:22:11,170
the two circles forming that are three

3056
02:22:17,280 --> 02:22:13,870
times that so it's three units in width

3057
02:22:20,970 --> 02:22:17,290
and then we have a large outer vesica

3058
02:22:25,140 --> 02:22:20,980
enclosing that we then use the height of

3059
02:22:28,380 --> 02:22:25,150
the inner vesica and we do a we erect a

3060
02:22:30,630 --> 02:22:28,390
perpendicular at one end in this case at

3061
02:22:32,820 --> 02:22:30,640
the bottom end of the rhombus and we

3062
02:22:36,180 --> 02:22:32,830
extend that base out until it intersects

3063
02:22:38,580 --> 02:22:36,190

the outer arcs of the large vesica and

3064

02:22:40,440 --> 02:22:38,590

then as you can see we construct those

3065

02:22:42,780 --> 02:22:40,450

lines back to the other end of the

3066

02:22:44,520 --> 02:22:42,790

rhombus at the top point of the vesica

3067

02:22:51,180 --> 02:22:44,530

and that gives us the profile of the

3068

02:22:52,920 --> 02:22:51,190

great pyramid beyond coincidence uh yeah

3069

02:22:53,790 --> 02:22:52,930

I don't know if I would dismiss this as

3070

02:22:56,580 --> 02:22:53,800

coincidence

3071

02:22:59,610 --> 02:22:56,590

you know it's but but there's actually

3072

02:23:01,950 --> 02:22:59,620

several geometric ways of deriving that

3073

02:23:04,680 --> 02:23:01,960

cross section of the Great Pyramid which

3074

02:23:07,020 --> 02:23:04,690

to me is really very interesting and we

3075

02:23:09,180 --> 02:23:07,030

don't have time or I didn't provide the

3076

02:23:12,000 --> 02:23:09,190

imagery to examine some of the other

3077

02:23:16,550 --> 02:23:12,010

ways but but again what this does show

3078

02:23:19,170 --> 02:23:16,560

is this vesica as the vessel or the the

3079

02:23:22,350 --> 02:23:19,180

you know the womb out of which all of

3080

02:23:24,060 --> 02:23:22,360

this form can be generated and here we

3081

02:23:26,970 --> 02:23:24,070

see as an example i included this

3082

02:23:28,650 --> 02:23:26,980

because it is an example of even the

3083

02:23:31,290 --> 02:23:28,660

profile of the Great Pyramid can be

3084

02:23:36,360 --> 02:23:31,300

generated out of it well it's see now

3085

02:23:39,120 --> 02:23:36,370

this is are we are we

3086

02:23:42,720 --> 02:23:39,130

what made you what's your determination

3087

02:23:44,970 --> 02:23:42,730

of how they came up with the angles for

3088

02:23:48,420 --> 02:23:44,980

the Great Pyramid did they generate it

3089

02:23:50,490 --> 02:23:48,430

through geometry like this or they do it

3090

02:23:53,100 --> 02:23:50,500

out of necessity to keep that thing from

3091

02:23:55,290 --> 02:23:53,110

falling over oh well I think

3092

02:23:57,690 --> 02:23:55,300

interestingly the angle is very

3093

02:23:59,280 --> 02:23:57,700

structurally stable but yeah I think

3094

02:24:00,960 --> 02:23:59,290

it's just loaded with geometric

3095

02:24:03,480 --> 02:24:00,970

symbolism and I think that was the

3096

02:24:06,210 --> 02:24:03,490

intent to show that here is a structure

3097

02:24:08,400 --> 02:24:06,220

that encodes the relationship of pi it

3098

02:24:08,950 --> 02:24:08,410

encodes the relationship of Phi or the

3099

02:24:11,200 --> 02:24:08,960

goldens

3100

02:24:14,320 --> 02:24:11,210

action because if you look at this

3101

02:24:16,719 --> 02:24:14,330

diagram right here let's let's go over

3102

02:24:20,050 --> 02:24:16,729

to the to the right base of the pyramid

3103

02:24:22,960 --> 02:24:20,060

where that angle meets the outer arc if

3104

02:24:25,570 --> 02:24:22,970

we go follow that diagonal line up to

3105

02:24:27,640 --> 02:24:25,580

the apex of the pyramid and then we

3106

02:24:31,300 --> 02:24:27,650

follow it along the base until it meets

3107

02:24:33,910 --> 02:24:31,310

the middle vertical axis that long side

3108

02:24:35,860 --> 02:24:33,920

is to that half the base in the golden

3109

02:24:38,800 --> 02:24:35,870

section relationship so there it is

3110

02:24:41,350 --> 02:24:38,810

right there right so we've not only

3111

02:24:43,450 --> 02:24:41,360

included the square root of three we've

3112

02:24:47,910 --> 02:24:43,460

also now included the golden section

3113

02:24:53,020 --> 02:24:47,920

within 1:1 diagram here yeah and again I

3114

02:24:56,080 --> 02:24:53,030

can't you may say Randall that's fine

3115

02:24:59,740 --> 02:24:56,090

you know string steak you're able to do

3116

02:25:02,800 --> 02:24:59,750

this this is this is just simple stuff

3117

02:25:05,650 --> 02:25:02,810

with with objects and triangles and

3118

02:25:08,590 --> 02:25:05,660

arches and and squares and they were

3119

02:25:10,960 --> 02:25:08,600

able to do this you know with the

3120

02:25:13,210 --> 02:25:10,970

creative process back then I look at

3121

02:25:16,570 --> 02:25:13,220

this and I see high technology high

3122

02:25:19,870 --> 02:25:16,580

intelligence I don't see anybody drawing

3123

02:25:21,490 --> 02:25:19,880

this stuff out in the sand and coming up

3124

02:25:23,890 --> 02:25:21,500

with something that looks cool no I

3125

02:25:27,730 --> 02:25:23,900

think this is way beyond that I really

3126

02:25:31,950 --> 02:25:27,740

do I consider this non Euclidean

3127

02:25:34,780 --> 02:25:31,960

geometry of you know high intelligence

3128

02:25:36,430 --> 02:25:34,790

yeah because you can take this next step

3129

02:25:38,230 --> 02:25:36,440

what we're looking at your innocence

3130

02:25:40,480 --> 02:25:38,240

jamie is like a two-dimensional

3131

02:25:43,180 --> 02:25:40,490

cross-section you have to picture that

3132

02:25:45,670 --> 02:25:43,190

you can also understand these circles as

3133

02:25:48,450 --> 02:25:45,680

being spheres yes and that these two

3134

02:25:51,130 --> 02:25:48,460

spheres are intersecting in this same

3135

02:25:52,960 --> 02:25:51,140

geometric relationship and so therefore

3136

02:25:54,400 --> 02:25:52,970

the rhombus that is formed within

3137

02:25:58,960 --> 02:25:54,410

domestica is now a three-dimensional

3138

02:26:03,880 --> 02:25:58,970

form yeah I I'm with you on that you

3139

02:26:05,710 --> 02:26:03,890

know I'm I'm I'm open to you know on the

3140

02:26:10,600 --> 02:26:05,720

one hand you could do it with very

3141

02:26:12,750 --> 02:26:10,610

simple technological means but within it

3142

02:26:16,650 --> 02:26:12,760

though is this very sophisticated

3143

02:26:18,340 --> 02:26:16,660

knowledge of geometry and astronomy and

3144

02:26:22,240 --> 02:26:18,350

possibly like we were talking about

3145

02:26:22,900 --> 02:26:22,250

earlier geology and what strikes me is I

3146

02:26:25,810 --> 02:26:22,910

read

3147

02:26:28,480 --> 02:26:25,820

through the various myths from many

3148

02:26:30,670 --> 02:26:28,490

cultures mainland's many times one of

3149

02:26:33,820 --> 02:26:30,680

the consistent themes is the idea of

3150

02:26:35,860 --> 02:26:33,830

these outsiders who came in with this

3151

02:26:38,830 --> 02:26:35,870

advanced knowledge and taught this

3152

02:26:40,600 --> 02:26:38,840

knowledge to these various cultures I

3153

02:26:43,270 --> 02:26:40,610

mean whether you're talking about the

3154

02:26:46,930 --> 02:26:43,280

Babylonians or the Egyptians or the

3155

02:26:50,470 --> 02:26:46,940

Celts or Native Americans or the Mayans

3156

02:26:52,390 --> 02:26:50,480

the Chinese they've all got this idea of

3157

02:26:55,570 --> 02:26:52,400

whatever you want to think of them as

3158

02:26:57,761 --> 02:26:55,580

the gods or whatever who had some kind

3159

02:27:03,400 --> 02:26:57,771

of knowledge and were able to impart

3160

02:27:05,410 --> 02:27:03,410

this knowledge and yeah and and all of

3161

02:27:09,460 --> 02:27:05,420

this stuff that we see this legacy of

3162

02:27:11,500 --> 02:27:09,470

these these ancient cultures is is what

3163

02:27:16,000 --> 02:27:11,510

we inherited from that connection

3164

02:27:17,620 --> 02:27:16,010

whatever that connection is excuse my

3165

02:27:20,560 --> 02:27:17,630

dog just walked by and stepped on my

3166

02:27:23,620 --> 02:27:20,570

foot okay well actually we just blew

3167

02:27:25,240 --> 02:27:23,630

past our last commercial break let's do

3168

02:27:27,430 --> 02:27:25,250

that let's let's take that commercial

3169

02:27:29,381 --> 02:27:27,440

break now Randall I'm going to hold you

3170

02:27:32,051 --> 02:27:29,391

over for another ten minutes and we'll

3171

02:27:34,720 --> 02:27:32,061

do the last two images and then say

3172

02:27:36,670 --> 02:27:34,730

goodnight and absolutely fascinating

3173

02:27:39,970 --> 02:27:36,680

conversation so let's do that right now

3174

02:27:41,560 --> 02:27:39,980

sacred geometry 101 with Randall Carlson

3175

02:27:45,170 --> 02:27:41,570

I'm your host Jim you church this is

3176

02:28:09,540 --> 02:27:45,180

fade to black stay with us

3177

02:28:12,730 --> 02:28:09,550

[Music]

3178

02:28:18,160 --> 02:28:12,740

and you are listening to my boy Jimmy

3179

02:28:21,400 --> 02:28:18,170

Church Oh Jimmy Church radio.com despite

3180

02:28:23,640 --> 02:28:21,410

popular opinion reading a book will not

3181

02:28:27,369 --> 02:28:23,650

make you smarter

3182

02:28:33,139 --> 02:28:29,989

so you went to dinner last night you had

3183

02:28:36,499 --> 02:28:33,149

your favorite pasta or maybe you had a

3184

02:28:39,199 --> 02:28:36,509

heavy spicy meal in the left you get the

3185

02:28:43,340 --> 02:28:39,209

tea calm maybe you mowed down a huge

3186

02:28:45,590 --> 02:28:43,350

steak and your plumbing is all plug get

3187

02:28:48,439 --> 02:28:45,600

the tea calm our super strength tea will

3188

02:28:51,949 --> 02:28:48,449

take care of your occasional it's all

3189

02:28:54,019 --> 02:28:51,959

organic and non-gmo get rid of we have

3190

02:28:56,389 --> 02:28:54,029

so many great supplements but our super

3191

02:28:59,749 --> 02:28:56,399

tea is number one get the tea calm

3192

02:29:02,510 --> 02:28:59,759

that's get the t-dot-com so you love

3193

02:29:05,920 --> 02:29:02,520

talk radio then you'll love talk stream

3194

02:29:08,630 --> 02:29:05,930

live calm talk stream live is always on

3195

02:29:10,939 --> 02:29:08,640

24/7 with the best streaming talk shows

3196

02:29:12,920 --> 02:29:10,949

find your favorite talkers and discover

3197

02:29:15,529 --> 02:29:12,930

some new ones it's free readily

3198

02:29:16,849 --> 02:29:15,539

available online or on mobile with any

3199

02:29:18,889 --> 02:29:16,859

smartphone or tablet

3200

02:29:20,929 --> 02:29:18,899

finding your favorite talk shows all in

3201
02:29:24,349 --> 02:29:20,939
one place has gotten a whole lot easier

3202
02:29:25,849 --> 02:29:24,359
just go to talk stream live calm be sure

3203
02:29:30,800 --> 02:29:25,859
to download the free apps from Google

3204
02:29:33,139 --> 02:29:30,810
Play or the itunes app store when you

3205
02:29:35,630 --> 02:29:33,149
take the beans from Central America

3206
02:29:37,819 --> 02:29:35,640
with dashes of Indonesian and African

3207
02:29:39,409 --> 02:29:37,829
mixed in and then roasted to the dark

3208
02:29:43,059 --> 02:29:39,419
side of fade to black

3209
02:29:46,010 --> 02:29:43,069
you create the ultimate brew of Fringe

3210
02:29:49,219 --> 02:29:46,020
introducing the fade to black blend from

3211
02:29:52,309 --> 02:29:49,229
River moon coffee yes River moons

3212
02:29:53,119 --> 02:29:52,319
darkest customized roast was created for

3213
02:29:56,779 --> 02:29:53,129

the love of

3214

02:29:59,300 --> 02:29:56,789

fade to black the alchemy of masterful

3215

02:30:02,539 --> 02:29:59,310

roasting and smoking the beans is in

3216

02:30:06,739 --> 02:30:02,549

every sip of this full-bodied dark Java

3217

02:30:09,050 --> 02:30:06,749

I need my coffee dog deep with distinct

3218

02:30:11,779 --> 02:30:09,060

bittersweet chocolate highlights just

3219

02:30:14,210 --> 02:30:11,789

like the bunker leaning further into the

3220

02:30:16,550 --> 02:30:14,220

darkness of the roast is fade to black

3221

02:30:18,769 --> 02:30:16,560

blend from Reber moon coffee

3222

02:30:21,679 --> 02:30:18,779

just click on the banner at Jimmy Church

3223

02:30:25,030 --> 02:30:21,689

radio.com and use the promo code F to be

3224

02:30:29,569 --> 02:30:25,040

blend for 15% off of your order today

3225

02:30:30,769 --> 02:30:29,579

Gobekli Tepe I'm a trade with America's

3226

02:30:32,120 --> 02:30:30,779

first news we all know if you're

3227

02:30:34,160 --> 02:30:32,130

planning a trip you should shop and

3228

02:30:36,019 --> 02:30:34,170

compare right but why endlessly search

3229

02:30:37,460 --> 02:30:36,029

the web when you don't have to flight

3230

02:30:39,410 --> 02:30:37,470

services helps you find the lowest

3231

02:30:41,599 --> 02:30:39,420

possible airfare talk directly to a

3232

02:30:43,429 --> 02:30:41,609

travel pro right now for the best deals

3233

02:30:45,349 --> 02:30:43,439

available there travel pros have

3234

02:30:47,740 --> 02:30:45,359

additional discounts not found on

3235

02:30:50,389 --> 02:30:47,750

websites and flight services provides

3236

02:30:53,450 --> 02:30:50,399

24-hour customer service call toll free

3237

02:30:55,490 --> 02:30:53,460

eight four four eight four five ninety

3238

02:31:00,099 --> 02:30:55,500

nine forty four that's eight four four

3239

02:31:07,189 --> 02:31:04,189

what's up fader knots studio dumb loves

3240

02:31:09,380 --> 02:31:07,199

paid the black and f2b audience is so

3241

02:31:11,870 --> 02:31:09,390

much that they have put together the

3242

02:31:13,670 --> 02:31:11,880

ultimate stereo bluetooth system they've

3243

02:31:17,689 --> 02:31:13,680

done it just for you

3244

02:31:20,599 --> 02:31:17,699

man check this out the studio dome SBB

3245

02:31:24,530 --> 02:31:20,609

two stereo system is here it's featuring

3246

02:31:26,870 --> 02:31:24,540

two studio boombox two SBB two wireless

3247

02:31:29,330 --> 02:31:26,880

bluetooth speakers pack in its own

3248

02:31:31,460 --> 02:31:29,340

custom hardshell case this studio dome

3249

02:31:34,399 --> 02:31:31,470

system features the very latest in

3250

02:31:37,729 --> 02:31:34,409

stereo Bluetooth technology the two full

3251
02:31:40,219 --> 02:31:37,739
range boom boxes are in true Wireless

3252
02:31:42,469 --> 02:31:40,229
Stereo you've got to hear this it's

3253
02:31:45,139 --> 02:31:42,479
amazing it's just a hundred and twenty

3254
02:31:48,620 --> 02:31:45,149
nine bucks and use the promo code JC r

3255
02:31:51,290 --> 02:31:48,630
TW s and you'll also get free shipping

3256
02:31:53,960 --> 02:31:51,300
it's simple just go to Jimmy Church

3257
02:31:57,150 --> 02:31:53,970
radio comm click on the studio dome

3258
02:32:05,520 --> 02:31:57,160
banner gobekli tepe

3259
02:32:20,050 --> 02:32:09,220
it's not a lifestyle we chose we were

3260
02:32:24,820 --> 02:32:20,060
born this way k GRA radio.com this is KJ

3261
02:32:24,830 --> 02:32:36,679
[Music]

3262
02:32:43,710 --> 02:32:39,389
all right welcome back fade to black

3263
02:32:48,300 --> 02:32:43,720

Randall Carlson will never disappoint

3264

02:32:51,059 --> 02:32:48,310

what a fantastic show now we're gonna go

3265

02:32:54,479 --> 02:32:51,069

to this next image which is cosmic

3266

02:32:55,679 --> 02:32:54,489

numbers Randall I'm gonna say this and

3267

02:32:58,800 --> 02:32:55,689

I'm gonna hand this off to you it's

3268

02:33:02,040 --> 02:32:58,810

gonna take some explanation but when I

3269

02:33:03,750 --> 02:33:02,050

saw you do a presentation on this I

3270

02:33:06,200 --> 02:33:03,760

watched it

3271

02:33:10,670 --> 02:33:06,210

probably three or four maybe five times

3272

02:33:13,830 --> 02:33:10,680

back-to-back it is one of the most

3273

02:33:16,860 --> 02:33:13,840

revolutionary and evolutionary things

3274

02:33:22,200 --> 02:33:16,870

anybody can check out when it comes to

3275

02:33:25,290 --> 02:33:22,210

sacred geometry because this is I want

3276

02:33:28,229 --> 02:33:25,300

to say this with a very I want to be

3277

02:33:31,729 --> 02:33:28,239

very pointed this is not a mistake

3278

02:33:35,400 --> 02:33:31,739

this is not coincidence this is real and

3279

02:33:38,370 --> 02:33:35,410

that number 25 9 20 which we all know

3280

02:33:41,010 --> 02:33:38,380

what it represents is here so let's

3281

02:33:43,610 --> 02:33:41,020

start I'm going to just hand this off to

3282

02:33:46,920 --> 02:33:43,620

you because you explain it so well

3283

02:33:50,269 --> 02:33:46,930

well this is represented as a dial wheel

3284

02:33:52,559 --> 02:33:50,279

and the numbers are processional numbers

3285

02:33:58,320 --> 02:33:52,569

which is the precession of the Earth's

3286

02:34:00,570 --> 02:33:58,330

axis in most interpretations of it there

3287

02:34:01,769 --> 02:34:00,580

are some alternate interpretations we

3288

02:34:04,080 --> 02:34:01,779

could get into but that would be pretty

3289

02:34:07,769 --> 02:34:04,090

complicated especially without having

3290

02:34:09,719 --> 02:34:07,779

access to imagery but basically the idea

3291

02:34:12,059 --> 02:34:09,729

is is that the rate the current rate of

3292

02:34:15,450 --> 02:34:12,069

precession precessional motion has been

3293

02:34:20,099 --> 02:34:15,460

measured it yes slightly above 50 point

3294

02:34:23,550 --> 02:34:20,109

50 arcseconds per year which translates

3295

02:34:27,170 --> 02:34:23,560

into a number slightly less than 25,920

3296

02:34:31,580 --> 02:34:27,180

but 25,920 has been a traditional number

3297

02:34:35,219 --> 02:34:31,590

associated with the great year concept

3298

02:34:37,139 --> 02:34:35,229

and you know you can haggle over you

3299

02:34:39,510 --> 02:34:37,149

know a few years one way or another but

3300

02:34:41,280 --> 02:34:39,520

it's the same idea that you know you

3301

02:34:44,130 --> 02:34:41,290

have an idealized archetypal pattern

3302

02:34:46,769 --> 02:34:44,140

which is you know a designer and builder

3303

02:34:49,740 --> 02:34:46,779

I think that is the blueprint and then

3304

02:34:52,620 --> 02:34:49,750

you've got the real world manifest

3305

02:34:54,450 --> 02:34:52,630

of that archetypal pattern and just like

3306

02:34:58,400 --> 02:34:54,460

you know any architect can design a

3307

02:35:00,960 --> 02:34:58,410

building with high degree of precision

3308

02:35:04,620 --> 02:35:00,970

once it's executed they're going to be

3309

02:35:07,320 --> 02:35:04,630

small discrepancies that that crop up

3310

02:35:10,080 --> 02:35:07,330

and then especially through the passage

3311

02:35:13,170 --> 02:35:10,090

of time those discrepancies can magnify

3312

02:35:14,760 --> 02:35:13,180

so that if you go out and you make

3313

02:35:17,700 --> 02:35:14,770

accurate measurements or accurate

3314

02:35:21,450 --> 02:35:17,710

surveys of existing ancient structures

3315

02:35:24,030 --> 02:35:21,460

you know you can infer what their intent

3316

02:35:26,340 --> 02:35:24,040

was geometrically or meter illogically

3317

02:35:30,960 --> 02:35:26,350

that is in terms of what units of

3318

02:35:34,469 --> 02:35:30,970

measurement they were using for example

3319

02:35:36,450 --> 02:35:34,479

if you had a builder from Europe using

3320

02:35:39,809 --> 02:35:36,460

the metric system and built a house and

3321

02:35:41,990 --> 02:35:39,819

next to it you have an American Builder

3322

02:35:43,979 --> 02:35:42,000

build a house using feet and inches

3323

02:35:45,330 --> 02:35:43,989

virtually anybody could go out there

3324

02:35:48,059 --> 02:35:45,340

with measuring rules and figure out

3325

02:35:49,559 --> 02:35:48,069

which was which right right this was

3326

02:35:52,110 --> 02:35:49,569

built with the metric system this was

3327

02:35:54,479 --> 02:35:52,120

built with feet inches well the idea

3328

02:35:58,320 --> 02:35:54,489

here is that you know you've got these

3329

02:36:02,150 --> 02:35:58,330

numbers that quite accurately defined

3330

02:36:05,160 --> 02:36:02,160

the transition of the vernal equinox

3331

02:36:07,099 --> 02:36:05,170

through the 12 signs of the zodiac now I

3332

02:36:09,630 --> 02:36:07,109

said 12 signs not the 12 constellations

3333

02:36:12,269 --> 02:36:09,640

because the constellations themselves

3334

02:36:16,080 --> 02:36:12,279

vary in size but they have been

3335

02:36:19,260 --> 02:36:16,090

idealized into this this circle divided

3336

02:36:20,940 --> 02:36:19,270

into twelve which is a really

3337

02:36:23,400 --> 02:36:20,950

fundamental operation of sacred geometry

3338

02:36:26,519 --> 02:36:23,410

it's one of the things that we we do in

3339

02:36:29,219 --> 02:36:26,529

our in our classes because a person

3340

02:36:31,639 --> 02:36:29,229

learns how to lay out this 12 fold

3341

02:36:33,780 --> 02:36:31,649

figure and then begin to encode

3342

02:36:36,330 --> 02:36:33,790

astronomical information and it's such

3343

02:36:37,590 --> 02:36:36,340

as we have done here but the idea is is

3344

02:36:40,950 --> 02:36:37,600

that when you look at these numbers

3345

02:36:43,889 --> 02:36:40,960

these numbers represent intervals of

3346

02:36:45,929 --> 02:36:43,899

time right but when you start looking at

3347

02:36:49,410 --> 02:36:45,939

the numbers they also represent spatial

3348

02:36:52,620 --> 02:36:49,420

measurements as well so for example if

3349

02:36:55,469 --> 02:36:52,630

we go and we look at roughly what would

3350

02:37:00,179 --> 02:36:55,479

be about one o'clock if this thing was a

3351

02:37:03,150 --> 02:37:00,189

clock you see the number 2160 and in BP

3352

02:37:08,760 --> 02:37:03,160

means years before

3353

02:37:12,170 --> 02:37:08,770

present okay now in geometry we have the

3354

02:37:15,660 --> 02:37:12,180

five regular polyhedra which are

3355

02:37:19,830 --> 02:37:15,670

basically three dimensional forms that

3356

02:37:22,290 --> 02:37:19,840

have all of the phases composed of the

3357

02:37:25,139 --> 02:37:22,300

same polygons so you can have a

3358

02:37:27,510 --> 02:37:25,149

tetrahedron which is composed of four

3359

02:37:30,929 --> 02:37:27,520

equilateral triangles you can have a

3360

02:37:35,010 --> 02:37:30,939

cube which is composed of six squares

3361

02:37:37,130 --> 02:37:35,020

right you can have you can have an

3362

02:37:39,810 --> 02:37:37,140

icosahedron and dodecahedron an

3363

02:37:41,690 --> 02:37:39,820

octahedron which is composed of eight

3364

02:37:44,940 --> 02:37:41,700

equilateral triangles

3365

02:37:48,600 --> 02:37:44,950

well the idea here is is that when you

3366

02:37:51,090 --> 02:37:48,610

measure space the system that has come

3367

02:37:54,210 --> 02:37:51,100

down to us is the sexagesimal system

3368

02:37:57,179 --> 02:37:54,220

which basically incorporates a base six

3369

02:37:59,460 --> 02:37:57,189

in a base 10 and there's a logic to this

3370

02:38:02,610 --> 02:37:59,470

in that you know all circles are

3371

02:38:04,500 --> 02:38:02,620

universally divided into 360 degrees

3372

02:38:06,780 --> 02:38:04,510

aren't they that's right the reason for

3373

02:38:09,480 --> 02:38:06,790

that is that it goes back to this thing

3374

02:38:11,730 --> 02:38:09,490

we talked about earlier where the radius

3375

02:38:14,460 --> 02:38:11,740

of a circle exactly steps off the

3376

02:38:16,530 --> 02:38:14,470

circumference six times so what they

3377

02:38:18,300 --> 02:38:16,540

have done is they have unified the

3378

02:38:20,490 --> 02:38:18,310

six-fold division with the ten fold

3379

02:38:25,160 --> 02:38:20,500

division and come up you know six times

3380

02:38:30,360 --> 02:38:25,170

ten is 60 and then six times 60 is 360

3381

02:38:34,650 --> 02:38:30,370

360 has a whole lot of prime factors it

3382

02:38:37,080 --> 02:38:34,660

for a number that is relatively workable

3383

02:38:39,179 --> 02:38:37,090

in size it has the greatest number of

3384

02:38:43,290 --> 02:38:39,189

prime factors and so what that means is

3385

02:38:48,000 --> 02:38:43,300

that any circle divided into 360 you can

3386

02:38:50,880 --> 02:38:48,010

subdivide that into slices of pie with

3387

02:38:54,389 --> 02:38:50,890

nothing left over so for example 360 you

3388

02:38:58,740 --> 02:38:54,399

can divide 2 into it three four five six

3389

02:39:01,290 --> 02:38:58,750

not seven but eight nine ten not eleven

3390

02:39:03,900 --> 02:39:01,300

but twelve and so on and so you've got a

3391

02:39:06,000 --> 02:39:03,910

high number of these factors which allow

3392

02:39:10,469 --> 02:39:06,010

you to subdivide this circle into a lot

3393

02:39:12,990 --> 02:39:10,479

of different useful subsections right so

3394

02:39:16,200 --> 02:39:13,000

the 12 fold is one that follows very

3395

02:39:16,800 --> 02:39:16,210

logically and almost organically from

3396

02:39:20,399 --> 02:39:16,810

the sick

3397

02:39:24,179 --> 02:39:20,409

small division of the circumference of a

3398

02:39:28,050 --> 02:39:24,189

circle and the ancients divided the

3399

02:39:30,689 --> 02:39:28,060

wheel of the zodiac into 12 equal pie

3400

02:39:33,240 --> 02:39:30,699

slices and then they named each of those

3401

02:39:36,569 --> 02:39:33,250

slices after the constellation that

3402

02:39:42,080 --> 02:39:36,579

occupied that slice at that time right

3403

02:39:44,760 --> 02:39:42,090

right so now going back to this this

3404

02:39:48,809 --> 02:39:44,770

2160 BP what that does is falls on the

3405

02:39:52,859 --> 02:39:48,819

cusps of Aries and Pisces right so if we

3406

02:39:55,290 --> 02:39:52,869

go back 2160 years ago basically the

3407

02:39:59,460 --> 02:39:55,300

vernal equinox was poised between Aries

3408

02:40:02,819 --> 02:39:59,470

and Pisces we come forward 2160 years

3409

02:40:07,260 --> 02:40:02,829

now it's placed between Pisces and

3410

02:40:10,859 --> 02:40:07,270

Aquarius but going back to the to the

3411

02:40:13,530 --> 02:40:10,869

polyhedra if you take the cube and using

3412

02:40:16,349 --> 02:40:13,540

measuring using the sexagesimal system

3413

02:40:18,719 --> 02:40:16,359

it goes back at least to the ancient

3414

02:40:21,389 --> 02:40:18,729

Babylonians and probably much earlier

3415

02:40:24,120 --> 02:40:21,399

what happens is you have let's think

3416

02:40:27,179 --> 02:40:24,130

about this you've got a solid which is a

3417

02:40:30,179 --> 02:40:27,189

cube each face of the cube is a square

3418

02:40:32,939 --> 02:40:30,189

each square has four right-angled

3419

02:40:35,939 --> 02:40:32,949

corners of 90 degrees if you take the

3420

02:40:36,899 --> 02:40:35,949

six face the ninety degrees times four

3421

02:40:38,790 --> 02:40:36,909

right

3422

02:40:41,700 --> 02:40:38,800

think about that ninety degrees times

3423

02:40:44,609 --> 02:40:41,710

four is going to give you 360 degrees

3424

02:40:47,309 --> 02:40:44,619

per face then there's six faces so the

3425

02:40:51,630 --> 02:40:47,319

total number of degrees that measures

3426
02:40:55,910 --> 02:40:51,640
the cube is 2160 degrees now stop right

3427
02:40:58,830 --> 02:40:55,920
there stop right there that is not only

3428
02:41:01,319 --> 02:40:58,840
what you come up with with the six faces

3429
02:41:04,380 --> 02:41:01,329
of the cube but now we are dividing up

3430
02:41:08,429 --> 02:41:04,390
the procession of the equinoxes into

3431
02:41:11,040 --> 02:41:08,439
time and you are able to then based off

3432
02:41:14,280 --> 02:41:11,050
starting with the cube each one of these

3433
02:41:19,679 --> 02:41:14,290
numbers represented on the twelve points

3434
02:41:25,889 --> 02:41:19,689
is actually a number that can be equated

3435
02:41:29,309 --> 02:41:25,899
back into some geometric form now how is

3436
02:41:30,330 --> 02:41:29,319
that possible is are we talking about is

3437
02:41:33,780 --> 02:41:30,340
this religious

3438
02:41:36,420 --> 02:41:33,790

you know it's wet wet where is this

3439

02:41:41,370 --> 02:41:36,430

coming from because it all interconnects

3440

02:41:45,150 --> 02:41:41,380

time space geometry the zodiac the

3441

02:41:50,040 --> 02:41:45,160

precession of the equinoxes Randall this

3442

02:41:52,110 --> 02:41:50,050

is this is a mind-blowing concept yes it

3443

02:41:55,410 --> 02:41:52,120

is but you know we're just really

3444

02:41:56,099 --> 02:41:55,420

getting started Jimmy it's going out it

3445

02:42:02,490 --> 02:41:56,109

freaks me out

3446

02:42:06,240 --> 02:42:02,500

kind of numbers are so magical and how

3447

02:42:09,240 --> 02:42:06,250

they they fit linear they fit 3d into

3448

02:42:11,400 --> 02:42:09,250

time and space but they also go back to

3449

02:42:14,840 --> 02:42:11,410

the procession and the wobble of our

3450

02:42:19,310 --> 02:42:14,850

planet over a 26,000 year period

3451
02:42:22,020 --> 02:42:19,320
yeah it's almost too much to comprehend

3452
02:42:24,510 --> 02:42:22,030
well they come down to the cusp of

3453
02:42:26,280 --> 02:42:24,520
Gemini Taurus where you see the number

3454
02:42:27,750 --> 02:42:26,290
six thousand four hundred eighty years

3455
02:42:31,889 --> 02:42:27,760
before present right

3456
02:42:33,170 --> 02:42:31,899
no Plato said that the that the symbol

3457
02:42:35,700 --> 02:42:33,180
of the universe was a dodecahedron

3458
02:42:37,950 --> 02:42:35,710
interestingly now the DECA he drew his

3459
02:42:40,110 --> 02:42:37,960
12 faces and each one each face is

3460
02:42:43,170 --> 02:42:40,120
pentagonal right right

3461
02:42:45,990 --> 02:42:43,180
now you have five corners in the

3462
02:42:49,139 --> 02:42:46,000
Pentagon and the angle between each pair

3463
02:42:52,610 --> 02:42:49,149

of edges is 108 degrees so if you

3464

02:42:55,469 --> 02:42:52,620

multiply 108 times 5 you're going to get

3465

02:42:59,880 --> 02:42:55,479

540 degrees measures each face of the

3466

02:43:02,610 --> 02:42:59,890

Pentagon not Pentagon are the the

3467

02:43:05,880 --> 02:43:02,620

dodecahedron now you've got 12

3468

02:43:08,580 --> 02:43:05,890

pentagonal faces each of 540 degrees

3469

02:43:12,420 --> 02:43:08,590

which comprises the entire dodecahedron

3470

02:43:14,130 --> 02:43:12,430

so you multiply the 540 by 12 and what

3471

02:43:16,110 --> 02:43:14,140

do you get you get six thousand four

3472

02:43:19,260 --> 02:43:16,120

hundred eighty degrees is the measure of

3473

02:43:22,050 --> 02:43:19,270

the dodecahedron and and so it goes I

3474

02:43:26,520 --> 02:43:22,060

mean write the whole thing in basically

3475

02:43:29,670 --> 02:43:26,530

when you take the measures of the five

3476

02:43:32,639 --> 02:43:29,680

regular polyhedra what you discover is

3477

02:43:35,070 --> 02:43:32,649

by various combinations of the polyhedra

3478

02:43:39,870 --> 02:43:35,080

you can generate all the numbers on this

3479

02:43:43,980 --> 02:43:39,880

wheel so interestingly the same set of

3480

02:43:46,290 --> 02:43:43,990

numbers links the measure of time

3481

02:43:48,120 --> 02:43:46,300

and the measure of space right and that

3482

02:43:50,250 --> 02:43:48,130

to me is really one of the most profound

3483

02:43:53,340 --> 02:43:50,260

things that comes out of the study of

3484

02:43:55,920 --> 02:43:53,350

sacred geometry but what's more jime is

3485

02:43:57,930 --> 02:43:55,930

that you know we promised we weren't

3486

02:43:59,820 --> 02:43:57,940

going to talk about this tonight but I

3487

02:44:02,280 --> 02:43:59,830

doubt I mention it so because we talked

3488

02:44:05,690 --> 02:44:02,290

about it so much before sure the Younger

3489

02:44:08,820 --> 02:44:05,700

Dryas right right you recall the date

3490

02:44:10,160 --> 02:44:08,830

for the onset of the Younger Dryas no

3491

02:44:12,690 --> 02:44:10,170

but you're going to tell me right now

3492

02:44:14,969 --> 02:44:12,700

well in in all of the scientific

3493

02:44:17,670 --> 02:44:14,979

literature it's usually given as twelve

3494

02:44:21,000 --> 02:44:17,680

thousand nine hundred plus or minus one

3495

02:44:23,310 --> 02:44:21,010

hundred years right which puts it

3496

02:44:29,600 --> 02:44:23,320

precisely on the opposite side of the

3497

02:44:36,030 --> 02:44:29,610

wheel from us at the cusp thereof yes

3498

02:44:39,750 --> 02:44:36,040

and and again is this just because this

3499

02:44:42,540 --> 02:44:39,760

is the universe right and and numbers in

3500

02:44:47,130 --> 02:44:42,550

geometry and space and time have to be

3501

02:44:49,590 --> 02:44:47,140

related and interconnect yeah I would

3502

02:44:52,440 --> 02:44:49,600

have to fall back on some kind of an

3503

02:44:54,990 --> 02:44:52,450

explanation like that because you know

3504

02:44:58,080 --> 02:44:55,000

for me I look at it it's a mystery you

3505

02:45:01,500 --> 02:44:58,090

know st. Augustine said numbers are the

3506

02:45:03,540 --> 02:45:01,510

thoughts of God Galileo said mathematics

3507

02:45:05,790 --> 02:45:03,550

is the alphabet with which God has

3508

02:45:08,520 --> 02:45:05,800

written the universe you know

3509

02:45:12,060 --> 02:45:08,530

Johannes Kepler said geometry existed

3510

02:45:14,250 --> 02:45:12,070

before the creation it is Co eternal

3511

02:45:17,070 --> 02:45:14,260

with the mind of God right geometry

3512

02:45:19,830 --> 02:45:17,080

provided God with a model for the

3513

02:45:22,290 --> 02:45:19,840

creation that was Johannes Kepler and of

3514

02:45:25,410 --> 02:45:22,300

course Plato allowed no one into his

3515

02:45:27,600 --> 02:45:25,420

Kadim e over as is well known inscribed

3516

02:45:30,480 --> 02:45:27,610

over the entrance to his Academy he said

3517

02:45:35,160 --> 02:45:30,490

let none enter here who are ignorant of

3518

02:45:39,350 --> 02:45:35,170

geometry did you ever try to find fault

3519

02:45:42,690 --> 02:45:39,360

in this did you try to find some type of

3520

02:45:46,620 --> 02:45:42,700

geometric and closure and and make the

3521

02:45:48,750 --> 02:45:46,630

math wrong or does it all fit no I

3522

02:45:50,550 --> 02:45:48,760

haven't been able to discredit it you

3523

02:45:53,640 --> 02:45:50,560

know it's there it's one of those things

3524

02:45:55,080 --> 02:45:53,650

and you know it's there the measurements

3525

02:45:57,320 --> 02:45:55,090

are there the numbers are there they

3526

02:46:00,350 --> 02:45:57,330

come from independent sources

3527

02:46:02,511 --> 02:46:00,360

really the only way you can can not deal

3528

02:46:05,210 --> 02:46:02,521

with this is to declare it a coincidence

3529

02:46:08,420 --> 02:46:05,220

and then just forget about it yeah yeah

3530

02:46:11,560 --> 02:46:08,430

Michael Shermer so I had to do it that's

3531

02:46:15,140 --> 02:46:11,570

three Michael schirmer's in one show but

3532

02:46:19,450 --> 02:46:15,150

but see this is the thing anybody can do

3533

02:46:23,120 --> 02:46:19,460

it anybody can go and take some

3534

02:46:25,850 --> 02:46:23,130

multi-sided geometric form measure the

3535

02:46:28,400 --> 02:46:25,860

angles measure or count the sides and

3536

02:46:30,290 --> 02:46:28,410

and multiply you're going to come up

3537

02:46:35,840 --> 02:46:30,300

with the number that is gonna match on

3538

02:46:38,420 --> 02:46:35,850

this on this wheel mm-hmm yeah and and

3539

02:46:40,370 --> 02:46:38,430

you know skeptics that I've encountered

3540

02:46:42,261 --> 02:46:40,380

it basically said well you know it is

3541

02:46:45,560 --> 02:46:42,271

all coincidence and if you if you use

3542

02:46:48,620 --> 02:46:45,570

numbers other than 360 degrees of a

3543

02:46:50,810 --> 02:46:48,630

circle but the point is is that the 360

3544

02:46:53,720 --> 02:46:50,820

degrees of a circle is not arbitrary

3545

02:46:56,511 --> 02:46:53,730

it's something that comes it comes out

3546

02:46:58,720 --> 02:46:56,521

as the logic of geometry it's it's it's

3547

02:47:01,700 --> 02:46:58,730

a it's a number that could come up

3548

02:47:03,801 --> 02:47:01,710

independently numerous times by people

3549

02:47:06,110 --> 02:47:03,811

studying these things and going okay

3550

02:47:08,270 --> 02:47:06,120

this is what makes sense too because

3551

02:47:10,310 --> 02:47:08,280

like I said it goes back to the idea

3552

02:47:12,980 --> 02:47:10,320

that this simple geometric idea of the

3553

02:47:16,040 --> 02:47:12,990

relationship between circles radius and

3554

02:47:18,110 --> 02:47:16,050

its circumference and it goes much

3555

02:47:20,090 --> 02:47:18,120

further than what we've just looked at

3556

02:47:23,450 --> 02:47:20,100

here I mean we're just looking at page

3557

02:47:26,690 --> 02:47:23,460

one here of a multi-volume set right

3558

02:47:29,780 --> 02:47:26,700

right right and then this you know the

3559

02:47:32,480 --> 02:47:29,790

the coup d'etat the closer on this is

3560

02:47:36,920 --> 02:47:32,490

the fact that we have the great year a

3561

02:47:39,140 --> 02:47:36,930

twenty five nine twenty I can't I just

3562

02:47:41,150 --> 02:47:39,150

can't wrap my head around it the numbers

3563

02:47:43,310 --> 02:47:41,160

are the numbers the great year the

3564

02:47:45,650 --> 02:47:43,320

precession of the equinoxes is what it

3565

02:47:50,420 --> 02:47:45,660

is but they are one in the same here and

3566

02:47:52,370 --> 02:47:50,430

they lock down lockstep well they do and

3567

02:47:54,950 --> 02:47:52,380

that's to me what's really really

3568

02:47:57,680 --> 02:47:54,960

interesting and you know there's so much

3569

02:47:59,720 --> 02:47:57,690

to this that we we could get into you

3570

02:48:01,400 --> 02:47:59,730

know basically when I look at for

3571

02:48:04,040 --> 02:48:01,410

example the world I look at the solar

3572

02:48:06,261 --> 02:48:04,050

system I look at the larger system that

3573

02:48:07,640 --> 02:48:06,271

oh it's part of I you know hey I can't

3574

02:48:11,091 --> 02:48:07,650

help it I see design

3575

02:48:13,761 --> 02:48:11,101

I see architecture I I see a Killian

3576

02:48:17,091 --> 02:48:13,771

logical matrix if you will to the

3577

02:48:19,701 --> 02:48:17,101

universe I you know the the way things

3578

02:48:22,071 --> 02:48:19,711

have come together are just

3579

02:48:23,751 --> 02:48:22,081

extraordinary and you know

3580

02:48:25,610 --> 02:48:23,761

God I mean there's so much we could get

3581

02:48:27,801 --> 02:48:25,620

into Jimmy but you know I'm thinking

3582

02:48:31,161 --> 02:48:27,811

back to this study that came out in in

3583

02:48:33,860 --> 02:48:31,171

the late 90s there was a study looking

3584

02:48:36,650 --> 02:48:33,870

at how comets were delivered to the

3585

02:48:40,161 --> 02:48:36,660

inner solar system right right it turns

3586

02:48:43,701 --> 02:48:40,171

out that comets are fundamental that

3587

02:48:46,581 --> 02:48:43,711

comets are probably contained the raw

3588

02:48:49,911 --> 02:48:46,591

materials for the creation of life when

3589

02:48:52,671 --> 02:48:49,921

you have a terrestrial matrix that is is

3590

02:48:54,621 --> 02:48:52,681

suitable you introduce the seeds of life

3591

02:48:57,350 --> 02:48:54,631

and the agency whereby you introduce

3592

02:48:59,511 --> 02:48:57,360

those seeds as comet's comets not only

3593

02:49:01,371 --> 02:48:59,521

introduced life they can destroy life

3594

02:49:03,741 --> 02:49:01,381

what happened twelve thousand nine

3595

02:49:06,650 --> 02:49:03,751

hundred years ago was most likely earth

3596

02:49:10,281 --> 02:49:06,660

encountering a fragmenting comet right

3597

02:49:13,850 --> 02:49:10,291

and this ties back to concepts of the

3598

02:49:15,591 --> 02:49:13,860

Grail and and exobiology and a whole lot

3599

02:49:17,241 --> 02:49:15,601

of really interesting juicy stuff we

3600

02:49:19,600 --> 02:49:17,251

could talk about but what I'm getting at

3601
02:49:23,060 --> 02:49:19,610
to here is that when a group of

3602
02:49:25,161 --> 02:49:23,070
scientists were looking at the the

3603
02:49:28,071 --> 02:49:25,171
proportions of the solar system and

3604
02:49:29,961 --> 02:49:28,081
looking at how comets could be delivered

3605
02:49:32,571 --> 02:49:29,971
from their zone in the outer solar

3606
02:49:34,281 --> 02:49:32,581
system in the tape or disc to become

3607
02:49:37,161 --> 02:49:34,291
earth crossing where they could deliver

3608
02:49:40,211 --> 02:49:37,171
their cargo of volatiles and exotic

3609
02:49:43,461 --> 02:49:40,221
materials to the terrestrial biosphere

3610
02:49:46,671 --> 02:49:43,471
it turns out that the four large outer

3611
02:49:51,831 --> 02:49:46,681
planets are critical for brain those

3612
02:49:55,911 --> 02:49:51,841
comets in and one of the lead authors of

3613
02:49:58,491 --> 02:49:55,921

this study was Harold F Levison who

3614

02:50:01,161 --> 02:49:58,501

noted that comets are saying to be being

3615

02:50:04,480 --> 02:50:01,171

handed off from planet to planet and he

3616

02:50:08,751 --> 02:50:04,490

called it a celestial bucket brigade and

3617

02:50:11,751 --> 02:50:08,761

if these four planets the fourth Jupiter

3618

02:50:15,501 --> 02:50:11,761

Saturn Uranus and Neptune were spread

3619

02:50:17,841 --> 02:50:15,511

any further apart then the Comets could

3620

02:50:21,321 --> 02:50:17,851

not be handed off as they are now I mean

3621

02:50:24,269 --> 02:50:21,331

it's it turns out that each of the outer

3622

02:50:28,170 --> 02:50:24,279

planets like Neptune will

3623

02:50:29,510 --> 02:50:28,180

draw comets in from the Kuiper disc once

3624

02:50:32,609 --> 02:50:29,520

they have passed within the zone of

3625

02:50:35,460 --> 02:50:32,619

Neptune Uranus can now begin to exert

3626

02:50:38,069 --> 02:50:35,470

its fluence influence and essentially

3627

02:50:41,880 --> 02:50:38,079

draw them in so they're now captured by

3628

02:50:44,429 --> 02:50:41,890

the gravitational force field of Saturn

3629

02:50:47,340 --> 02:50:44,439

Saturn will do the same thing and hand

3630

02:50:50,429 --> 02:50:47,350

them off to Jupiter Jupiter will then

3631

02:50:53,369 --> 02:50:50,439

either throw them back out into the disc

3632

02:50:55,710 --> 02:50:53,379

into into the depths of the great deep

3633

02:50:58,050 --> 02:50:55,720

or it will begin to vector them in

3634

02:51:01,949 --> 02:50:58,060

towards the Sun where they become earth

3635

02:51:04,380 --> 02:51:01,959

crossing so what's really interesting is

3636

02:51:06,599 --> 02:51:04,390

that with with the structure of our

3637

02:51:11,000 --> 02:51:06,609

solar system being any different than it

3638

02:51:14,010 --> 02:51:11,010

was this whole process couldn't happen

3639

02:51:16,800 --> 02:51:14,020

so you know when you begin to look at

3640

02:51:20,159 --> 02:51:16,810

this thing there becomes um it just

3641

02:51:23,039 --> 02:51:20,169

becomes yeah it harder it becomes hard

3642

02:51:25,909 --> 02:51:23,049

to avoid the hypothesis anyway that

3643

02:51:29,250 --> 02:51:25,919

there is design in the natural order

3644

02:51:32,159 --> 02:51:29,260

that our solar system is set up with a

3645

02:51:34,199 --> 02:51:32,169

very unique set of parameters and if you

3646

02:51:37,289 --> 02:51:34,209

change these parameters even in the

3647

02:51:40,260 --> 02:51:37,299

slightest the whole thing collapses yeah

3648

02:51:43,319 --> 02:51:40,270

collapses completely collapses yes get

3649

02:51:46,199 --> 02:51:43,329

rid of our move ooh we're gone yes yeah

3650

02:51:51,059 --> 02:51:46,209

we're gone we're gone completely and and

3651
02:51:53,639 --> 02:51:51,069
and also Jupiter's sucking in all of

3652
02:51:56,659 --> 02:51:53,649
those celestial events that would have

3653
02:51:59,789 --> 02:51:56,669
just pummeled this planet into dust

3654
02:52:02,909 --> 02:51:59,799
right think about that for a second it

3655
02:52:05,189 --> 02:52:02,919
is just is it tributing so that's when

3656
02:52:07,590 --> 02:52:05,199
you go to is there a higher source is

3657
02:52:10,550 --> 02:52:07,600
there something divine is there some

3658
02:52:14,099 --> 02:52:10,560
intelligence to this is it is it beyond

3659
02:52:16,439 --> 02:52:14,109
just mathematical odds that all of this

3660
02:52:18,659 --> 02:52:16,449
just happened to happen and you and I

3661
02:52:21,719 --> 02:52:18,669
are allowed to speak on on this radio

3662
02:52:25,229 --> 02:52:21,729
station tonight because of just rolling

3663
02:52:26,760 --> 02:52:25,239

the dice it doesn't feel that way to me

3664

02:52:29,729 --> 02:52:26,770

Randall it just doesn't and I'm

3665

02:52:31,800 --> 02:52:29,739

comfortable with that yeah you know it's

3666

02:52:35,460 --> 02:52:31,810

were confronted with a mystery with a

3667

02:52:36,630 --> 02:52:35,470

capital M you know I I you know I look

3668

02:52:38,140 --> 02:52:36,640

at some of the Native American

3669

02:52:40,990 --> 02:52:38,150

traditions and they refer to

3670

02:52:43,030 --> 02:52:41,000

creation as the great mystery and that's

3671

02:52:46,961 --> 02:52:43,040

kind of where I'm at you know I'm just

3672

02:52:49,150 --> 02:52:46,971

completely awestruck by by the whole

3673

02:52:51,820 --> 02:52:49,160

system how it came to be

3674

02:52:54,581 --> 02:52:51,830

listen I'm clueless what the ultimate

3675

02:52:56,381 --> 02:52:54,591

source of it all is I can't say I don't

3676

02:53:00,041 --> 02:52:56,391

know other than the fact that it's

3677

02:53:02,860 --> 02:53:00,051

stupendous it's awesome beyond words

3678

02:53:05,740 --> 02:53:02,870

and it is it's a great mystery and I

3679

02:53:07,680 --> 02:53:05,750

think that part of the purpose of our

3680

02:53:10,121 --> 02:53:07,690

existence in our consciousness is to

3681

02:53:10,841 --> 02:53:10,131

contemplate the meaning of this great

3682

02:53:12,970 --> 02:53:10,851

mystery

3683

02:53:14,320 --> 02:53:12,980

maybe there's no resolution to it I

3684

02:53:17,051 --> 02:53:14,330

don't know I don't know what the final

3685

02:53:20,020 --> 02:53:17,061

answer is but I do believe that there

3686

02:53:21,910 --> 02:53:20,030

are basically two types of humans on

3687

02:53:24,850 --> 02:53:21,920

this planet those who go about their

3688

02:53:27,761 --> 02:53:24,860

lives oblivious to the mystery and

3689

02:53:30,461 --> 02:53:27,771

wonder of the world about them and then

3690

02:53:35,230 --> 02:53:30,471

the other group who maybe is probably a

3691

02:53:38,740 --> 02:53:35,240

minority that daily is awestruck by how

3692

02:53:40,600 --> 02:53:38,750

amazing this whole phenomena is you know

3693

02:53:43,060 --> 02:53:40,610

it's kind of like I think of it this way

3694

02:53:44,950 --> 02:53:43,070

you know I quite frequently there's a

3695

02:53:46,450 --> 02:53:44,960

big farmers market where I live I go

3696

02:53:49,060 --> 02:53:46,460

there two or three times a week there's

3697

02:53:50,230 --> 02:53:49,070

a huge parking lot and it has a really

3698

02:53:52,871 --> 02:53:50,240

wonderful place where you can actually

3699

02:53:55,360 --> 02:53:52,881

see the sky I'll typically stop there on

3700

02:53:56,020 --> 02:53:55,370

my way home from work and I will get out

3701
02:53:58,950 --> 02:53:56,030
of my truck

3702
02:54:01,501 --> 02:53:58,960
and I will look and the sky is just

3703
02:54:04,360 --> 02:54:01,511
breathtakingly beautiful just

3704
02:54:06,461 --> 02:54:04,370
awe-inspiring almost to the point where

3705
02:54:08,621 --> 02:54:06,471
it almost brings tears to your eyes the

3706
02:54:11,291 --> 02:54:08,631
Sun is going down you've just got this

3707
02:54:13,060 --> 02:54:11,301
array of colors and beauty and I'm

3708
02:54:15,820 --> 02:54:13,070
standing there completely awestruck

3709
02:54:18,371 --> 02:54:15,830
people are coming and going and no one

3710
02:54:21,850 --> 02:54:18,381
even bothers to look I know no one

3711
02:54:24,430 --> 02:54:21,860
bothers to stop and go wow what are you

3712
02:54:28,060 --> 02:54:24,440
looking at and and with that Randall

3713
02:54:29,440 --> 02:54:28,070

I've got to I've got to go I'm gonna run

3714

02:54:32,230 --> 02:54:29,450

credits now just stay right there and

3715

02:54:34,121 --> 02:54:32,240

I'll let you say good night to everybody

3716

02:54:37,301 --> 02:54:34,131

in about 45 seconds stay right there

3717

02:54:39,961 --> 02:54:37,311

this has been fade to black sacred

3718

02:54:42,820 --> 02:54:39,971

geometry 101 with Randall Carlson

3719

02:54:44,320 --> 02:54:42,830

betablox executive producers Rita Kumari

3720

02:54:47,200 --> 02:54:44,330

on shows produced by Hill Jay Paul

3721

02:54:49,030 --> 02:54:47,210

Martin Kovar LJ 3 Renee Jonas Thank You

3722

02:54:50,860 --> 02:54:49,040

Dennis thank you Bob announces our Steve

3723

02:54:52,330 --> 02:54:50,870

Hart or gene Vidal will mark D Kovar

3724

02:54:54,670 --> 02:54:52,340

Beatty by Dale

3725

02:54:58,330 --> 02:54:54,680

Master Drew the geek music doug aldrich

3726

02:55:00,990 --> 02:54:58,340

intro space boy space boy music.com fade

3727

02:55:04,450 --> 02:55:01,000

to black is produced by kjsurya

3728

02:55:06,820 --> 02:55:04,460

syndication is que GRA the planet does

3729

02:55:08,679 --> 02:55:06,830

podcast own a copyright of 2017 by fade

3730

02:55:10,750 --> 02:55:08,689

to black in the game changing network it

3731

02:55:11,940 --> 02:55:10,760

cannot be rebroadcast downloaded copied

3732

02:55:14,170 --> 02:55:11,950

or used anywhere in the known universe

3733

02:55:15,969 --> 02:55:14,180

without written permission from fade to

3734

02:55:17,770 --> 02:55:15,979

black or the game changer network

3735

02:55:20,620 --> 02:55:17,780

I'm your host Jimmy Church follow me on

3736

02:55:24,630 --> 02:55:20,630

Twitter @ JT radio and I'm just gonna

3737

02:55:30,790 --> 02:55:24,640

say say good night to everybody Randall

3738

02:55:33,010 --> 02:55:30,800

Randall say good night good night and

3739

02:55:35,650 --> 02:55:33,020

I'll see everybody tomorrow night right

3740

02:55:38,349 --> 02:55:35,660

tomorrow night Phil Proctor fire sign

3741

02:55:39,969 --> 02:55:38,359

Theatre Randall you big fire sign

3742

02:55:43,090 --> 02:55:39,979

theater guy when you're growing up right

3743

02:55:46,719 --> 02:55:43,100

oh yeah oh yeah I cannot tell you how

3744

02:55:49,440 --> 02:55:46,729

many hours I spent in in stitches

3745

02:55:52,090 --> 02:55:49,450

listening to those guys probably what 45

3746

02:55:53,560 --> 02:55:52,100

48 years ago can you believe it and we

3747

02:55:57,099 --> 02:55:53,570

have them tomorrow night on fade to

3748

02:55:58,330 --> 02:55:57,109

black so until then everybody be safe go