



1
00:00:06,740 --> 00:00:03,350
thank you I want to thank the organizers

2
00:00:12,709 --> 00:00:06,750
of SSC it's certainly a privilege to be

3
00:00:15,620 --> 00:00:12,719
here I wanted to say one thing about

4
00:00:17,689 --> 00:00:15,630
myself kind of to tease you and the

5
00:00:20,660 --> 00:00:17,699
partisan physicists that call myself an

6
00:00:23,300 --> 00:00:20,670
analysis after what Plato taught a

7
00:00:25,939 --> 00:00:23,310
couple thousand years ago said no matter

8
00:00:28,580 --> 00:00:25,949
how big you were how vast your

9
00:00:30,679 --> 00:00:28,590
storehouse of knowledge analytic insight

10
00:00:33,889 --> 00:00:30,689
was beyond beyond that or your basic

11
00:00:39,979 --> 00:00:33,899
came from the cosmos so as analysis I've

12
00:00:42,319 --> 00:00:39,989
tried to to use some of that and some of

13
00:00:46,340 --> 00:00:42,329

this is in my book coming out in July I

14

00:00:49,760 --> 00:00:46,350

have the first model of interactionism

15

00:00:50,510 --> 00:00:49,770

in in existence and it solves some of

16

00:00:55,160 --> 00:00:50,520

the problems

17

00:00:56,810 --> 00:00:55,170

Chalmers said then the problem of

18

00:00:59,689 --> 00:00:56,820

consciousness is tantamount to the

19

00:01:02,180 --> 00:00:59,699

problem of qualia I have a the first

20

00:01:05,870 --> 00:01:02,190

physical model of qualia in history and

21

00:01:08,480 --> 00:01:05,880

the model should give the handles to

22

00:01:10,219 --> 00:01:08,490

lead into actually in physical terms

23

00:01:16,399 --> 00:01:10,229

breaking down the first person third

24

00:01:18,380 --> 00:01:16,409

president barrier besides being a

25

00:01:20,899 --> 00:01:18,390

physicist and a high priest in the

26
00:01:25,100 --> 00:01:20,909
Mormon Church and it appears to be a

27
00:01:27,590 --> 00:01:25,110
Mormon doctrine that before our

28
00:01:29,450 --> 00:01:27,600
civilization develops warp drive travel

29
00:01:31,819 --> 00:01:29,460
a millennium must either be taken off

30
00:01:33,800 --> 00:01:31,829
planet so it was only one that I

31
00:01:35,539 --> 00:01:33,810
hint-hint on that is his only angels who

32
00:01:38,420 --> 00:01:35,549
served who are of the Earth's early

33
00:01:40,069 --> 00:01:38,430
Earth and so it kind of already Mitchell

34
00:01:43,010 --> 00:01:40,079
said I thought I would just tease you

35
00:01:45,260 --> 00:01:43,020
with that as I as I hope I have also the

36
00:01:53,200 --> 00:01:45,270
handles that Eric was talking about that

37
00:02:01,120 --> 00:01:55,310
talked about some of these things the

38
00:02:03,969 --> 00:02:01,130

huge Sun sized energy sources and then

39

00:02:09,260 --> 00:02:03,979

the

40

00:02:12,580 --> 00:02:09,270

physics for dimensional physics which

41

00:02:15,580 --> 00:02:12,590

governs the Big Bang kourin Theory

42

00:02:19,610 --> 00:02:15,590

gravitation a theory all these are

43

00:02:28,880 --> 00:02:19,620

insufficient to to solve the the problem

44

00:02:31,970 --> 00:02:28,890

of warp drive and so all of these things

45

00:02:35,240 --> 00:02:31,980

that need to be extended in ordinary in

46

00:02:37,809 --> 00:02:35,250

order to do this and I hope I'm gonna be

47

00:02:40,520 --> 00:02:37,819

able to make some of that clear to you

48

00:02:51,800 --> 00:02:40,530

any one of these things to be a topic of

49

00:02:54,050 --> 00:02:51,810

a talk and these enormous gravitational

50

00:02:57,380 --> 00:02:54,060

effects the Napali near effect there's

51
00:03:00,020 --> 00:02:57,390
an era that in it'll it's like this and

52
00:03:02,240 --> 00:03:00,030
the duality to gravity and we need to

53
00:03:04,280 --> 00:03:02,250
complete gravity I don't believe there's

54
00:03:07,910 --> 00:03:04,290
a quantum gravity per se that that's not

55
00:03:09,920 --> 00:03:07,920
the regime of integration and you can

56
00:03:12,920 --> 00:03:09,930
claim that the effects of gravity we're

57
00:03:15,319 --> 00:03:12,930
instantaneous Einstein said that's not

58
00:03:18,319 --> 00:03:15,329
possible because of the special

59
00:03:20,180 --> 00:03:18,329
relativity but we'll know from the EPR

60
00:03:22,340 --> 00:03:20,190
experiment that there is an

61
00:03:23,900 --> 00:03:22,350
instantaneous connection and there's no

62
00:03:25,550 --> 00:03:23,910
way of getting around that and it

63
00:03:26,509 --> 00:03:25,560

doesn't seem to be discussed in the

64

00:03:31,479 --> 00:03:26,519

people who are working on quantum

65

00:03:34,039 --> 00:03:31,489

gravity but it's that that a part of

66

00:03:36,289 --> 00:03:34,049

gravity that is going to be important I

67

00:03:42,590 --> 00:03:36,299

think to warp drive to use a dual to

68

00:03:45,590 --> 00:03:42,600

complete it a dual form of gravity how

69

00:03:48,229 --> 00:03:45,600

put us work on that polarized vacuum

70

00:03:50,240 --> 00:03:48,239

that's heavily rely on that heavily in

71

00:03:53,509 --> 00:03:50,250

my model but again I think how pretty

72

00:03:56,960 --> 00:03:53,519

much uses a four dimensional model using

73

00:03:59,539 --> 00:03:56,970

a straight theoretic they use the set

74

00:04:00,949 --> 00:03:59,549

around 11 dimensions now I use a twelve

75

00:04:03,470 --> 00:04:00,959

dimensional model because there's an

76

00:04:05,509 --> 00:04:03,480

additional anthropic action principle I

77

00:04:08,840 --> 00:04:05,519

assume that the Hubble sphere is a form

78

00:04:10,490 --> 00:04:08,850

of complex self-organized system in a

79

00:04:12,560 --> 00:04:10,500

multiverse with a potential for an

80

00:04:13,780 --> 00:04:12,570

infinite number of nested Hubble spheres

81

00:04:21,520 --> 00:04:13,790

each with their own fine

82

00:04:23,860 --> 00:04:21,530

- in laws of physics so I'm looking for

83

00:04:26,560 --> 00:04:23,870

the water that I presented is we still

84

00:04:28,689 --> 00:04:26,570

use the al-kabir warp drive metric that

85

00:04:34,270 --> 00:04:28,699

it's more for orientation we don't need

86

00:04:38,830 --> 00:04:34,280

huge mess because of a utility of mini

87

00:04:41,560 --> 00:04:38,840

wormholes we cover the cover the well

88

00:04:43,439 --> 00:04:41,570

peddle affair with wormholes with the

89

00:04:47,740 --> 00:04:43,449

mini wormholes and there's a way of

90

00:04:49,540 --> 00:04:47,750

creating that kind of a dome a simple

91

00:04:50,950 --> 00:04:49,550

metaphor which isn't caught on targets

92

00:04:53,050 --> 00:04:50,960

remember for near a high school junior

93

00:04:55,480 --> 00:04:53,060

high school physics demonstration where

94

00:04:57,430 --> 00:04:55,490

there is a table with hundreds of holes

95

00:05:01,510 --> 00:04:57,440

in a I was forced through it and the

96

00:05:04,750 --> 00:05:01,520

puck became frictionless so in this new

97

00:05:08,050 --> 00:05:04,760

12 dimensional I call it the holographic

98

00:05:12,719 --> 00:05:08,060

anthropic multiverse which is a twelve

99

00:05:15,219 --> 00:05:12,729

dimensional form you use a full bin

100

00:05:17,950 --> 00:05:15,229

Heisenberg potential model where the

101
00:05:19,570 --> 00:05:17,960
back the background is spend some

102
00:05:22,060 --> 00:05:19,580
controversy in physics about that

103
00:05:24,129 --> 00:05:22,070
whether before you take a measurement

104
00:05:27,339 --> 00:05:24,139
does anything exist

105
00:05:29,439 --> 00:05:27,349
we're claiming that on the sad stuff for

106
00:05:31,360 --> 00:05:29,449
a moment here the traditionally it's

107
00:05:33,250 --> 00:05:31,370
been said that the extra dimensions are

108
00:05:35,529 --> 00:05:33,260
microscopic at the Planck scale

109
00:05:37,000 --> 00:05:35,539
curled up beneath us there's a little

110
00:05:40,089 --> 00:05:37,010
bit of talk about large-scale extra

111
00:05:41,770 --> 00:05:40,099
dimensions which I use so instead we're

112
00:05:43,240 --> 00:05:41,780
in a virtual reality our four

113
00:05:46,629 --> 00:05:43,250

dimensional is just same as if you put

114

00:05:48,960 --> 00:05:46,639

on virtual reality glasses with a four

115

00:05:53,320 --> 00:05:48,970

dimensional subspace of a much broader

116

00:05:55,060 --> 00:05:53,330

much higher dimensional and space and so

117

00:05:59,379 --> 00:05:55,070

what this allows which I'll show you is

118

00:06:03,129 --> 00:05:59,389

and figure-ground effect so you use you

119

00:06:05,790 --> 00:06:03,139

use something like a spherical reactor

120

00:06:09,339 --> 00:06:05,800

to just generate sufficient energy to

121

00:06:11,830 --> 00:06:09,349

occur the space and then to the

122

00:06:14,439 --> 00:06:11,840

spaceship to remove the spaceship from

123

00:06:18,129 --> 00:06:14,449

the background and then drop it back in

124

00:06:20,290 --> 00:06:18,139

and as you know in the LSA temeka are

125

00:06:23,350 --> 00:06:20,300

key when you look at the Necker cube the

126
00:06:23,980 --> 00:06:23,360
you see the vertices switch so we want

127
00:06:26,920 --> 00:06:23,990
to apply

128
00:06:29,280 --> 00:06:26,930
to this new regime a topological

129
00:06:32,490 --> 00:06:29,290
switching and the world factor would be

130
00:06:38,950 --> 00:06:32,500
kind of the switching lengths between

131
00:06:42,970 --> 00:06:38,960
the switches whether it's a whole new

132
00:06:45,370 --> 00:06:42,980
way is a a new kind of Dirac vacuum

133
00:06:47,440 --> 00:06:45,380
breakdown and a unique stream vacuum I

134
00:06:49,990 --> 00:06:47,450
enter into play I'm not sure the draw

135
00:06:54,610 --> 00:06:50,000
the line but anyway they use them

136
00:06:56,920 --> 00:06:54,620
somewhat soon ominous synonymously then

137
00:06:58,750 --> 00:06:56,930
the very got stuck you couldn't complete

138
00:07:02,200 --> 00:06:58,760

quantum theory in four dimensions in

139

00:07:05,440 --> 00:07:02,210

twelve dimensions it's it's turned out

140

00:07:09,400 --> 00:07:05,450

to be quite easy to to complete quantum

141

00:07:11,560 --> 00:07:09,410

theory the way we've known historically

142

00:07:14,620 --> 00:07:11,570

that when the correct theory comes along

143

00:07:16,660 --> 00:07:14,630

it has certain properties it is elegant

144

00:07:19,440 --> 00:07:16,670

logical internally consistent and has

145

00:07:22,390 --> 00:07:19,450

broad explanatory power

146

00:07:24,520 --> 00:07:22,400

I'm leaving the conference a little bit

147

00:07:27,760 --> 00:07:24,530

early there was a British hedge fund

148

00:07:30,070 --> 00:07:27,770

that's promised me ten million British

149

00:07:31,440 --> 00:07:30,080

pounds to build a quantum computer built

150

00:07:34,960 --> 00:07:31,450

on this model and there's another

151

00:07:36,940 --> 00:07:34,970

Hungarian group of offering seven

152

00:07:39,400 --> 00:07:36,950

million euros so and if that come up

153

00:07:40,990 --> 00:07:39,410

with it but we'll get into that in the

154

00:07:42,790 --> 00:07:41,000

room that the you know in a minute this

155

00:07:43,960 --> 00:07:42,800

is a very important part of it I

156

00:07:46,720 --> 00:07:43,970

mentioned touched a little bit on what

157

00:07:49,930 --> 00:07:46,730

has to be done to complete geometric

158

00:07:52,360 --> 00:07:49,940

geometric dynamics this is essentially

159

00:07:54,040 --> 00:07:52,370

based on a new set of I'll call the

160

00:07:56,530 --> 00:07:54,050

neurotic transformations after the

161

00:07:58,690 --> 00:07:56,540

anthropic multiverse which my new model

162

00:08:02,140 --> 00:07:58,700

of cosmology as I spent about 15 years

163

00:08:04,480 --> 00:08:02,150

developing that the Galilean transformed

164

00:08:05,920 --> 00:08:04,490

the Lorenz Poincare transformations with

165

00:08:11,260 --> 00:08:05,930

their particle pretty much traveling

166

00:08:14,560 --> 00:08:11,270

along the x direction and people and

167

00:08:16,930 --> 00:08:14,570

manic off is Elizabeth Russian and one

168

00:08:24,400 --> 00:08:16,940

of our in her research and I've extended

169

00:08:29,290 --> 00:08:24,410

the spend on that in and in the fellow

170

00:08:32,560 --> 00:08:29,300

from help with us is God the other he's

171

00:08:33,010 --> 00:08:32,570

done work on them on superluminal

172

00:08:37,210 --> 00:08:33,020

Lawrence

173

00:08:39,850 --> 00:08:37,220

so but in the new transform you boost

174

00:08:42,130 --> 00:08:39,860

one Elizabeth work I'm not sure that so

175

00:08:44,620 --> 00:08:42,140

much in the cost right why am i drawing

176
00:08:47,950 --> 00:08:44,630
a blank on it really apologized you when

177
00:08:49,810 --> 00:08:47,960
you disappear Lance transform you you

178
00:08:52,990 --> 00:08:49,820
boost the spatial dimension to a

179
00:08:54,940 --> 00:08:53,000
temporal dimension well I do a an

180
00:08:57,910 --> 00:08:54,950
edition of this let me back up again in

181
00:08:59,950 --> 00:08:57,920
that ice cream later took the real farm

182
00:09:01,870 --> 00:08:59,960
in Milan it is transactional and our

183
00:09:05,170 --> 00:09:01,880
model of quantum theory I extended that

184
00:09:07,210 --> 00:09:05,180
also to cosmology so cosmology itself we

185
00:09:09,850 --> 00:09:07,220
have in a sense the present is still

186
00:09:12,580 --> 00:09:09,860
standing over the future past but you

187
00:09:14,200 --> 00:09:12,590
have in a sense three men caste packages

188
00:09:15,940 --> 00:09:14,210

which create the standing wave of the

189

00:09:17,740 --> 00:09:15,950

president there's there's a complex

190

00:09:19,240 --> 00:09:17,750

space for the future and complex so

191

00:09:22,570 --> 00:09:19,250

that's how you create this subspace

192

00:09:24,010 --> 00:09:22,580

because if we're to be a virtuous

193

00:09:26,590 --> 00:09:24,020

subspace of this higher dimensional

194

00:09:28,450 --> 00:09:26,600

subspace you have to have a way of we're

195

00:09:30,330 --> 00:09:28,460

taking the pile and putting it back

196

00:09:35,560 --> 00:09:30,340

together again kind of all of the rocks

197

00:09:37,840 --> 00:09:35,570

annihilation and creation metaphors the

198

00:09:40,060 --> 00:09:37,850

so in the new set of transformations is

199

00:09:42,930 --> 00:09:40,070

even just be salami dimension you have

200

00:09:49,720 --> 00:09:42,940

to boost the on all three XYZ

201
00:09:52,480 --> 00:09:49,730
simultaneously this is an e did you do

202
00:09:54,250 --> 00:09:52,490
it twice you do it this good even though

203
00:09:57,340 --> 00:09:54,260
this plasma definitely that they're four

204
00:10:00,370 --> 00:09:57,350
minutes we get into the into the into

205
00:10:03,010 --> 00:10:00,380
the new cosmology it's um but so many be

206
00:10:04,660 --> 00:10:03,020
offended it's a leap it's a bigger leap

207
00:10:07,720 --> 00:10:04,670
than the usual eat because there's so

208
00:10:11,740 --> 00:10:07,730
many you know in strength a that khalaby

209
00:10:20,890 --> 00:10:11,750
are what I came to only five minutes

210
00:10:26,140 --> 00:10:23,140
well it's nice to be here Ayodhya an

211
00:10:29,230 --> 00:10:26,150
excuse like this I undertake this pause

212
00:10:30,880 --> 00:10:29,240
to to tell the joke I forgot about a

213
00:10:33,220 --> 00:10:30,890

friend of mine used to building to the

214

00:10:35,920 --> 00:10:33,230

Soviet Russia in the seventies nuclear

215

00:10:37,930 --> 00:10:35,930

physics conferences and you know the

216

00:10:40,540 --> 00:10:37,940

grand Russian hotels with solid marble

217

00:10:42,670 --> 00:10:40,550

staircases vast banisters and the huge

218

00:10:44,590 --> 00:10:42,680

tapestries that other amenities were

219

00:10:46,360 --> 00:10:44,600

missing one time he had to do a dump and

220

00:10:48,370 --> 00:10:46,370

so he said there's Russian colleagues

221

00:10:50,500 --> 00:10:48,380

and there's no toilet paper in there so

222

00:10:54,190 --> 00:10:50,510

his Russian colleague pull out a courted

223

00:10:56,290 --> 00:10:54,200

manuscript so there's two conclusions to

224

00:10:58,240 --> 00:10:56,300

this one is be careful when you give you

225

00:11:00,010 --> 00:10:58,250

a manuscript to a Russian colleague

226

00:11:02,200 --> 00:11:00,020

you're not sure he's going to do this

227

00:11:03,850 --> 00:11:02,210

and the second one is I hope my

228

00:11:06,910 --> 00:11:03,860

chocolate will be better than toilet

229

00:11:16,780 --> 00:11:06,920

paper and yeah

230

00:11:20,190 --> 00:11:16,790

all right so cosmologies like the domino

231

00:11:22,720 --> 00:11:20,200

although all of these things pretty much

232

00:11:24,970 --> 00:11:22,730

rely on a new understanding of cosmology

233

00:11:26,710 --> 00:11:24,980

they're all the right related our

234

00:11:28,780 --> 00:11:26,720

understanding of quantum theory of

235

00:11:31,180 --> 00:11:28,790

gravitation special relativity the

236

00:11:33,580 --> 00:11:31,190

direct equation at all all based on

237

00:11:37,060 --> 00:11:33,590

understanding cosmology here's my other

238

00:11:39,070 --> 00:11:37,070

book from last year this this is really

239

00:11:41,680 --> 00:11:39,080

a treatise the best treatise I have

240

00:11:43,630 --> 00:11:41,690

today on the armless new because

241

00:11:46,630 --> 00:11:43,640

knowledge it has the design for quantum

242

00:11:49,510 --> 00:11:46,640

computing and the thin mentality that

243

00:11:52,360 --> 00:11:49,520

come here today this is my first foray

244

00:11:54,190 --> 00:11:52,370

into FTL warp drive is there's one of

245

00:11:56,140 --> 00:11:54,200

chapters where I tell how to build a

246

00:11:58,930 --> 00:11:56,150

defense shield that will withstand

247

00:12:00,610 --> 00:11:58,940

nuclear ordnance and that's because of

248

00:12:03,730 --> 00:12:00,620

in there so it's those same principles

249

00:12:06,520 --> 00:12:03,740

that are important here for the work of

250

00:12:08,890 --> 00:12:06,530

today that all of this is really it's a

251
00:12:16,750 --> 00:12:08,900
new highly dimensional understanding of

252
00:12:18,280 --> 00:12:16,760
the vacuum and again so this mod is

253
00:12:19,720 --> 00:12:18,290
empirically testable and part of

254
00:12:21,370 --> 00:12:19,730
building a quantum computer will

255
00:12:21,910 --> 00:12:21,380
empirically test that there's another

256
00:12:23,530 --> 00:12:21,920
way

257
00:12:26,650 --> 00:12:23,540
Stanley proves no foods

258
00:12:28,900 --> 00:12:26,660
sample here's no he stuck them that

259
00:12:30,370 --> 00:12:28,910
makes the opponent going to builds

260
00:12:31,960 --> 00:12:30,380
conformational change I'm going to try

261
00:12:33,400 --> 00:12:31,970
to get him that's an easy experiment

262
00:12:35,680 --> 00:12:33,410
it's the same principle as the quantum

263
00:12:38,920 --> 00:12:35,690

computer because mometrix topic and put

264

00:12:42,309 --> 00:12:38,930

the try em all kids in Siler a.m. and

265

00:12:44,110 --> 00:12:42,319

use the space-time system of lasers and

266

00:12:48,819 --> 00:12:44,120

things we'll talk about in a minute

267

00:12:50,559 --> 00:12:48,829

but this this book has has much more

268

00:12:53,050 --> 00:12:50,569

about it than I can I could give here

269

00:12:55,660 --> 00:12:53,060

and I had another agenda I want to build

270

00:12:58,809 --> 00:12:55,670

a new class of medical devices salt in

271

00:13:01,120 --> 00:12:58,819

the purpose I said this this send book

272

00:13:03,069 --> 00:13:01,130

is a is a nobel prize giveaway there's

273

00:13:05,170 --> 00:13:03,079

at least parity 12 Nobel Prizes that

274

00:13:07,420 --> 00:13:05,180

I've put a handle in here that people

275

00:13:08,889 --> 00:13:07,430

could you know if I was a better

276

00:13:11,290 --> 00:13:08,899

physicist or you've written the

277

00:13:12,819 --> 00:13:11,300

definitive paper in how to violate the

278

00:13:14,050 --> 00:13:12,829

corn of uncertainty principle which is

279

00:13:18,850 --> 00:13:14,060

one of the chapters I think all that

280

00:13:22,840 --> 00:13:18,860

probability one and in the early days

281

00:13:25,660 --> 00:13:22,850

the Apollo continuous Zee field and to

282

00:13:28,329 --> 00:13:25,670

Estonia bailout devices and you got

283

00:13:30,970 --> 00:13:28,339

space quantization for 100 years by

284

00:13:32,590 --> 00:13:30,980

definition that has led to the

285

00:13:35,650 --> 00:13:32,600

uncertainty principle which is supposed

286

00:13:38,590 --> 00:13:35,660

to be not able to be violated

287

00:13:39,550 --> 00:13:38,600

well the first simple answer is do

288

00:13:44,710 --> 00:13:39,560

something else

289

00:13:47,079 --> 00:13:44,720

know it for an understanding that the

290

00:13:50,829 --> 00:13:47,089

space time vacuum is a anti-dependence

291

00:13:53,410 --> 00:13:50,839

based on metric in how do you spell your

292

00:13:55,960 --> 00:13:53,420

del redshift not expansion of the

293

00:13:57,819 --> 00:13:55,970

universe so the best when the best

294

00:13:59,670 --> 00:13:57,829

evidence is for the direct vacuum is the

295

00:14:04,210 --> 00:13:59,680

Casimir effect and there's those others

296

00:14:06,639 --> 00:14:04,220

and then so if you have a jar polarize

297

00:14:08,650 --> 00:14:06,649

vacuum you have photon has a mass and

298

00:14:11,679 --> 00:14:08,660

this this is part of the new

299

00:14:14,470 --> 00:14:11,689

transformation which allows the vacuum

300

00:14:15,819 --> 00:14:14,480

to be manipulated to build a warp driver

301
00:14:25,150 --> 00:14:15,829
and do some of these other things

302
00:14:28,990 --> 00:14:25,160
so simply UN here you go I decided to

303
00:14:31,870 --> 00:14:29,000
call my model the holographic wormhole

304
00:14:33,049 --> 00:14:31,880
drive that fell practical privilege does

305
00:14:34,899 --> 00:14:33,059
not require

306
00:14:37,369 --> 00:14:34,909
hardly any negative energy because you

307
00:14:39,829 --> 00:14:37,379
the infinite energy is built into the

308
00:14:43,369 --> 00:14:39,839
vacuum in the same way that you violate

309
00:14:45,379 --> 00:14:43,379
the uncertainty principle you if in this

310
00:14:47,239 --> 00:14:45,389
new cosmology instead of the quantum

311
00:14:50,509 --> 00:14:47,249
particle in the Box three dimensional

312
00:14:51,979 --> 00:14:50,519
box we have it's if it's conformant is

313
00:14:56,749 --> 00:14:51,989

still in there and three of twelve

314

00:14:59,029 --> 00:14:56,759

dimensions what's going on the the

315

00:15:00,469 --> 00:14:59,039

particle you have to do some more of a

316

00:15:04,369 --> 00:15:00,479

cosmology and to make this more

317

00:15:06,439 --> 00:15:04,379

understandable the 12th dimension is it

318

00:15:07,909 --> 00:15:06,449

takes a minimum of twelve dimensions to

319

00:15:09,409 --> 00:15:07,919

be causally free of the

320

00:15:12,039 --> 00:15:09,419

three-dimensional particle in the box

321

00:15:16,969 --> 00:15:12,049

that's like the mirror image of the

322

00:15:18,769 --> 00:15:16,979

under image so you can read so can you

323

00:15:21,979 --> 00:15:18,779

have the ability then to read out the

324

00:15:23,629 --> 00:15:21,989

the clone state in the in the in the

325

00:15:26,749 --> 00:15:23,639

heart in a higher dimensional residence

326

00:15:29,359 --> 00:15:26,759

mode and then this is when the last

327

00:15:31,909 --> 00:15:29,369

remaining problems in quantum computing

328

00:15:33,679 --> 00:15:31,919

Moore's law and never wrong suggests

329

00:15:35,479 --> 00:15:33,689

that we'll have a quantum computer by

330

00:15:37,189 --> 00:15:35,489

about twenty twelve I get that money

331

00:15:39,379 --> 00:15:37,199

that may be the case but it's a phase

332

00:15:42,199 --> 00:15:39,389

change Snell's law put a stick and water

333

00:15:44,769 --> 00:15:42,209

it bends a little bit so that how many

334

00:15:46,579 --> 00:15:44,779

degrees that is from predicting between

335

00:15:48,289 --> 00:15:46,589

2012 and 2015

336

00:15:51,679 --> 00:15:48,299

I have high confidence that that's

337

00:15:53,719 --> 00:15:51,689

possible because of the because of the

338

00:15:57,559 --> 00:15:53,729

innocence simplicity I'm sure there's

339

00:16:04,879 --> 00:15:57,569

some curves of this model so you let me

340

00:16:07,639 --> 00:16:04,889

go back on this let's wait see if it's

341

00:16:09,109 --> 00:16:07,649

also written out okay we'll come back to

342

00:16:10,969 --> 00:16:09,119

it in the current one of the current

343

00:16:13,339 --> 00:16:10,979

drives thinking is is you know the

344

00:16:15,949 --> 00:16:13,349

knowledge wormhole people have said well

345

00:16:18,859 --> 00:16:15,959

that's somewhat in fact impractical as

346

00:16:23,629 --> 00:16:18,869

you need such a large mass I'll caboose

347

00:16:28,399 --> 00:16:23,639

warp drive metric is a beautiful

348

00:16:32,749 --> 00:16:28,409

solution to Einstein's equations space

349

00:16:35,569 --> 00:16:32,759

stretches in wave head of the ship and

350

00:16:37,579 --> 00:16:35,579

contracts behind and then hem as you all

351
00:16:39,919 --> 00:16:37,589
know by now and inhabitants of the warp

352
00:16:43,219 --> 00:16:39,929
bubble travel on a free Paul free fall

353
00:16:45,420 --> 00:16:43,229
geodesic not moving locally at FTL

354
00:16:48,210 --> 00:16:45,430
velocities

355
00:16:49,320 --> 00:16:48,220
I just like this is another if you

356
00:16:51,510 --> 00:16:49,330
diamond but it's just a pretty picture

357
00:16:52,080 --> 00:16:51,520
from Anderson industries their model of

358
00:16:54,150 --> 00:16:52,090
the warp-drive

359
00:16:55,830 --> 00:16:54,160
same thing the negative energy

360
00:16:59,220 --> 00:16:55,840
requirements are supposed to be infinite

361
00:17:03,890 --> 00:16:59,230
and and to do what factors is the same

362
00:17:10,500 --> 00:17:03,900
thing but with the new space-time

363
00:17:12,960 --> 00:17:10,510

transform that allows one to say it's

364

00:17:16,350 --> 00:17:12,970

the array of mini wormholes that fidei

365

00:17:18,360 --> 00:17:16,360

the new matter of this hierarchy that

366

00:17:20,970 --> 00:17:18,370

you're able to cover the world bubble

367

00:17:23,850 --> 00:17:20,980

with and that that again is like that

368

00:17:26,730 --> 00:17:23,860

permanent that high-speed spin where the

369

00:17:28,500 --> 00:17:26,740

air coming out of the holes makes a

370

00:17:30,750 --> 00:17:28,510

frictionless so you're it's that it's a

371

00:17:32,520 --> 00:17:30,760

holographic figure-ground effect if if

372

00:17:34,410 --> 00:17:32,530

the actual Universal misses where my

373

00:17:37,950 --> 00:17:34,420

major postulates you know time will tell

374

00:17:41,730 --> 00:17:37,960

if it's a good one is is a holographic

375

00:17:43,830 --> 00:17:41,740

background we know that already comes

376

00:17:46,080 --> 00:17:43,840

out of that infinite potential and with

377

00:17:48,870 --> 00:17:46,090

the with the new gravity that has

378

00:17:51,000 --> 00:17:48,880

instantaneous connection you lift the we

379

00:17:53,880 --> 00:17:51,010

lift that bottle out of the background

380

00:17:55,650 --> 00:17:53,890

and when you drop it back in it goes

381

00:18:00,270 --> 00:17:55,660

then that's how it advances along the

382

00:18:03,260 --> 00:18:00,280

space so it's just it's just a simply

383

00:18:05,520 --> 00:18:03,270

simply in that sense a way of them

384

00:18:10,740 --> 00:18:05,530

manipulating the topology the higher

385

00:18:11,910 --> 00:18:10,750

dimensional topology of space-time the

386

00:18:17,630 --> 00:18:11,920

whole graph of prints were first

387

00:18:22,800 --> 00:18:20,280

maverick extension of the holographic

388

00:18:26,580 --> 00:18:22,810

principle just that they want it to be a

389

00:18:32,750 --> 00:18:26,590

two dimensional information surface of

390

00:18:36,270 --> 00:18:32,760

black hole horizons that i use it now as

391

00:18:38,370 --> 00:18:36,280

a the universe is a hole of a hyper

392

00:18:40,890 --> 00:18:38,380

hologram and we live in a hyper hologram

393

00:18:42,450 --> 00:18:40,900

that's at least twelve dimensions maybe

394

00:18:45,810 --> 00:18:42,460

when you have the infinite number of

395

00:18:48,780 --> 00:18:45,820

nested spheres for for just our Hubble

396

00:18:50,670 --> 00:18:48,790

sphere in its can cast in its embedding

397

00:18:52,710 --> 00:18:50,680

may be to access the lesser than you

398

00:18:56,100 --> 00:18:52,720

maybe need twice that 24 dimensions but

399

00:18:57,640 --> 00:18:56,110

that's also for later so in the infinite

400

00:19:01,900 --> 00:18:57,650

just you have a cute

401
00:19:07,180 --> 00:19:01,910
acute images of how this our reality can

402
00:19:12,940 --> 00:19:07,190
emerge from this infinite potential this

403
00:19:15,520 --> 00:19:12,950
also applies to to consciousness so this

404
00:19:16,960 --> 00:19:15,530
how also digressing for a moment this

405
00:19:18,550 --> 00:19:16,970
same model once you get this

406
00:19:21,160 --> 00:19:18,560
understanding of the vacuum and get all

407
00:19:23,920 --> 00:19:21,170
these things in history is showing it

408
00:19:25,900 --> 00:19:23,930
does they have been theories that we've

409
00:19:29,110 --> 00:19:25,910
had in the past that the correct one has

410
00:19:35,440 --> 00:19:29,120
vast experimental power so this model is

411
00:19:37,720 --> 00:19:35,450
able to explain a lot of things so the

412
00:19:39,700 --> 00:19:37,730
new transform will also break down the

413
00:19:42,400 --> 00:19:39,710

first person third person barrier it's

414

00:19:45,520 --> 00:19:42,410

I'm having still one final piece of

415

00:19:48,430 --> 00:19:45,530

trouble with that because I don't know

416

00:19:51,340 --> 00:19:48,440

in the infinite potential howdy

417

00:19:53,170 --> 00:19:51,350

where where is a person so I can send

418

00:19:55,420 --> 00:19:53,180

the signal I need I need to one further

419

00:19:59,350 --> 00:19:55,430

understanding of the space-time you know

420

00:20:03,150 --> 00:19:59,360

- Ariel - up-down convert but the rest

421

00:20:04,270 --> 00:20:03,160

of it the rest of it is very simple

422

00:20:06,670 --> 00:20:04,280

mathematics

423

00:20:09,190 --> 00:20:06,680

extending the Ron's point or just to use

424

00:20:13,980 --> 00:20:09,200

a triple triple boosts and complex space

425

00:20:19,540 --> 00:20:13,990

and boosting from space - time - energy

426
00:20:24,070 --> 00:20:19,550
and so my radical extension Hubble hyper

427
00:20:25,750 --> 00:20:24,080
hologram duality reality itself the

428
00:20:28,150 --> 00:20:25,760
thing that has not been farted before

429
00:20:30,550 --> 00:20:28,160
because we consider and then only the

430
00:20:32,140 --> 00:20:30,560
microscopic you want to collapse the

431
00:20:34,240 --> 00:20:32,150
wave function that it's happening

432
00:20:37,000 --> 00:20:34,250
something microscopic but I tell you in

433
00:20:38,850 --> 00:20:37,010
this model that reality itself is the

434
00:20:41,170 --> 00:20:38,860
first stage of collapse so we have this

435
00:20:44,410 --> 00:20:41,180
that might be so we have the point

436
00:20:47,170 --> 00:20:44,420
constant at the bottom in the in the

437
00:20:49,150 --> 00:20:47,180
cosmological constant at the BOK top so

438
00:20:53,050 --> 00:20:49,160

this this this wave structure of our

439

00:20:56,380 --> 00:20:53,060

reality is embedded in that embedded in

440

00:21:01,390 --> 00:20:56,390

that this is just the this is the key to

441

00:21:03,540 --> 00:21:01,400

an a very low energy what factor is just

442

00:21:05,920 --> 00:21:03,550

this you're going to switch in this

443

00:21:09,470 --> 00:21:05,930

switch in this caused switch in this

444

00:21:15,610 --> 00:21:09,480

figure ground effect by extending

445

00:21:19,279 --> 00:21:15,620

oops by extending the number of

446

00:21:22,039 --> 00:21:19,289

topological switching distances that you

447

00:21:24,110 --> 00:21:22,049

want to use with a little more power so

448

00:21:25,789 --> 00:21:24,120

that you you increase the work factor

449

00:21:27,409 --> 00:21:25,799

the whole thing of all that gotten

450

00:21:29,210 --> 00:21:27,419

faster the speed while you miss models a

451
00:21:32,360 --> 00:21:29,220
bit of a misnomer although it still

452
00:21:33,889 --> 00:21:32,370
applies because you know - I don't know

453
00:21:34,340 --> 00:21:33,899
how what it would take to be Allah this

454
00:21:35,690 --> 00:21:34,350
moly

455
00:21:37,100 --> 00:21:35,700
as you can see it would predictably

456
00:21:39,019 --> 00:21:37,110
should be I'll have instantaneous travel

457
00:21:42,110 --> 00:21:39,029
if we knew how to once we maybe the

458
00:21:46,700 --> 00:21:42,120
fourth generation or later on it's based

459
00:21:49,940 --> 00:21:46,710
on a new cosmological a new year called

460
00:21:52,039 --> 00:21:49,950
you've heard I think it was Kepler he

461
00:21:54,590 --> 00:21:52,049
first talked who talked about close

462
00:21:58,009 --> 00:21:54,600
packed spheres so there's a least

463
00:22:00,350 --> 00:21:58,019

cosmological unit which is a form of

464

00:22:02,389 --> 00:22:00,360

coalesced pack cosmological sphere

465

00:22:04,759 --> 00:22:02,399

here's where you get into some of the

466

00:22:08,120 --> 00:22:04,769

why this new cosmology is going to take

467

00:22:09,799 --> 00:22:08,130

a little bit of study because well it's

468

00:22:11,600 --> 00:22:09,809

a continuous state cosmology so that's

469

00:22:14,450 --> 00:22:11,610

so in a sense we're already in free fall

470

00:22:16,399 --> 00:22:14,460

and that that would take some is the

471

00:22:21,169 --> 00:22:16,409

many many chapters in that in that book

472

00:22:23,029 --> 00:22:21,179

talk about this where first of all it's

473

00:22:25,220 --> 00:22:23,039

a the cold graphic ahead of multiverse

474

00:22:30,710 --> 00:22:25,230

is an advanced form of Einstein static

475

00:22:34,759 --> 00:22:30,720

universe but it's just these sulfated

476

00:22:36,139 --> 00:22:34,769

yeah busy is a hobby all real symmetries

477

00:22:38,419 --> 00:22:36,149

Kalyan manifolds is if there's an

478

00:22:43,460 --> 00:22:38,429

infinite number of possibilities for

479

00:22:46,940 --> 00:22:43,470

them so you know it's easy to stick with

480

00:22:49,879 --> 00:22:46,950

them so crane is matter which I extended

481

00:22:52,730 --> 00:22:49,889

to cosmology he would then talk about

482

00:22:56,350 --> 00:22:52,740

the static vacuum and so you would have

483

00:22:59,299 --> 00:22:56,360

a mirror symmetry of duality between the

484

00:23:01,820 --> 00:22:59,309

caveat manifolds for one one would then

485

00:23:04,340 --> 00:23:01,830

like be the future in the past and we'll

486

00:23:06,649 --> 00:23:04,350

we'll get up to that again in a minute

487

00:23:08,029 --> 00:23:06,659

so these string theorists have been

488

00:23:10,240 --> 00:23:08,039

looking for a unique compactification

489

00:23:13,549 --> 00:23:10,250

some look for a four-dimensional compact

490

00:23:16,789 --> 00:23:13,559

11968 that's a mistake

491

00:23:18,890 --> 00:23:16,799

what in the continuous state one all the

492

00:23:20,750 --> 00:23:18,900

complications is a continuous state

493

00:23:24,740 --> 00:23:20,760

all of them they go from all to even

494

00:23:27,470 --> 00:23:24,750

dimensions down the down them from grams

495

00:23:31,070 --> 00:23:27,480

down to the steering to a zero point and

496

00:23:33,590 --> 00:23:31,080

it's like a Riemann sphere that flips

497

00:23:37,720 --> 00:23:33,600

from 0 to infinity and it's called a

498

00:23:41,870 --> 00:23:37,730

written vertex and so you get a

499

00:23:44,480 --> 00:23:41,880

continuous dimensional reduction spin

500

00:23:46,670 --> 00:23:44,490

exchange compactification dimensional

501
00:23:48,830 --> 00:23:46,680
reduction which is this part of so this

502
00:23:51,710 --> 00:23:48,840
is this whole geometric topological

503
00:23:53,570 --> 00:23:51,720
thing background that allows the

504
00:23:55,460 --> 00:23:53,580
holographic multiverse to have these

505
00:23:59,150 --> 00:23:55,470
properties of an infinite potential and

506
00:24:02,960 --> 00:23:59,160
for us to be able to use it to do the

507
00:24:05,270 --> 00:24:02,970
warp drive as just a simple topological

508
00:24:07,580 --> 00:24:05,280
slippage switching I say you simple and

509
00:24:10,610 --> 00:24:07,590
it's kind of a joke but in in a sense

510
00:24:15,740 --> 00:24:10,620
it's simpler than the other ways and use

511
00:24:19,430 --> 00:24:15,750
in them and use less energy because you

512
00:24:21,560 --> 00:24:19,440
can program the back the vacuum to to in

513
00:24:25,220 --> 00:24:21,570

the new transfer form because you get

514

00:24:27,320 --> 00:24:25,230

the what and not the the Tachyon things

515

00:24:29,300 --> 00:24:27,330

but you feel constructive if there's

516

00:24:30,770 --> 00:24:29,310

standing water you get ripped as if you

517

00:24:32,780 --> 00:24:30,780

had this happen when you get here's a

518

00:24:34,730 --> 00:24:32,790

constructive interference and

519

00:24:36,200 --> 00:24:34,740

destructive interference so it's it's

520

00:24:40,610 --> 00:24:36,210

that kind of the Morpho you're going to

521

00:24:43,730 --> 00:24:40,620

be able to to coherently control instead

522

00:24:47,120 --> 00:24:43,740

of instead of space-time left alone

523

00:24:51,050 --> 00:24:47,130

coming back to its sting wave of the

524

00:24:53,120 --> 00:24:51,060

future past in when in its place where

525

00:24:55,730 --> 00:24:53,130

you'd be if left alone when you probaly

526

00:24:59,210 --> 00:24:55,740

mess with it and it's just going to fall

527

00:25:02,270 --> 00:24:59,220

back back into a dandelion placed toward

528

00:25:05,360 --> 00:25:02,280

your alpha cemetery or wherever you're

529

00:25:09,680 --> 00:25:05,370

trying to go just a little metaphor for

530

00:25:11,270 --> 00:25:09,690

a continuous state and again the

531

00:25:13,940 --> 00:25:11,280

president is a standing wave of the

532

00:25:15,590 --> 00:25:13,950

future past if those of you don't know

533

00:25:17,390 --> 00:25:15,600

anything about Cramer it's it's a

534

00:25:19,910 --> 00:25:17,400

beautiful thing to read anyway it's just

535

00:25:23,870 --> 00:25:19,920

a wonderful you an author wave is sent

536

00:25:27,050 --> 00:25:23,880

back and sent out and you get a return

537

00:25:28,499 --> 00:25:27,060

way which ends in a confirmation way

538

00:25:30,749 --> 00:25:28,509

which ends in a

539

00:25:33,749 --> 00:25:30,759

in a transaction which is like a

540

00:25:37,919 --> 00:25:33,759

standing wave and part of the thing that

541

00:25:39,479 --> 00:25:37,929

supports Mike col.caf atmosphere and

542

00:25:41,310 --> 00:25:39,489

variance is the Kramer says all the

543

00:25:44,369 --> 00:25:41,320

off-diagonal elements are physically

544

00:25:47,219 --> 00:25:44,379

real so that it all ties in is just a

545

00:25:50,549 --> 00:25:47,229

whole lot of little pieces that that

546

00:25:52,979 --> 00:25:50,559

give them credibility to this to this

547

00:25:55,889 --> 00:25:52,989

model here's a metaphor for the

548

00:26:00,539 --> 00:25:55,899

dimensional reduction only up to four

549

00:26:02,279 --> 00:26:00,549

dimensions but it it has to go through

550

00:26:07,139 --> 00:26:02,289

twelve mentions so you'd have in a sense

551
00:26:09,689 --> 00:26:07,149
a regular Minkowski space with a past

552
00:26:15,859 --> 00:26:09,699
one and a future one that allow it to do

553
00:26:19,619 --> 00:26:15,869
its standing wave properties currently

554
00:26:21,839 --> 00:26:19,629
for most physicists and cosmologists the

555
00:26:25,349 --> 00:26:21,849
universe ends at Planck it's a rigid

556
00:26:27,269 --> 00:26:25,359
impenetrable barrier we is but we used

557
00:26:28,919 --> 00:26:27,279
to live in a Newtonian universe now most

558
00:26:32,039 --> 00:26:28,929
physicists say we live in a quantum

559
00:26:34,739 --> 00:26:32,049
universe so I suppose by that when they

560
00:26:38,669 --> 00:26:34,749
discover the unified field we'll live in

561
00:26:40,079 --> 00:26:38,679
some kind of a unified universe but in

562
00:26:41,489 --> 00:26:40,089
this continuous state model that's

563
00:26:43,559 --> 00:26:41,499

that's not a teeter we live in a

564

00:26:46,739 --> 00:26:43,569

continuous transform from form from

565

00:26:49,709 --> 00:26:46,749

cosplay the quantum to unitary and it's

566

00:26:53,099 --> 00:26:49,719

it's the EF I'd feel that runs this this

567

00:26:55,109 --> 00:26:53,109

hall our big structure so here's here's

568

00:26:58,049 --> 00:26:55,119

my metaphor for at least cosmological

569

00:27:00,689 --> 00:26:58,059

unit one one unit like this really

570

00:27:02,759 --> 00:27:00,699

couldn't exist in there separated be

571

00:27:05,159 --> 00:27:02,769

like a cork here's the step of the rigid

572

00:27:08,969 --> 00:27:05,169

barrier this is the written vertex which

573

00:27:11,219 --> 00:27:08,979

is like an Ising model would flips flips

574

00:27:13,649 --> 00:27:11,229

when it mr. Musil it flips back again

575

00:27:15,289 --> 00:27:13,659

from 0 to infinity so that's why I had a

576

00:27:18,479 --> 00:27:15,299

continuous state become conf

577

00:27:21,719 --> 00:27:18,489

conservation of energy and that and

578

00:27:22,570 --> 00:27:21,729

Lasser has in physics they really look

579

00:27:24,909 --> 00:27:22,580

for those it

580

00:27:26,980 --> 00:27:24,919

it is a particle and sometimes a few so

581

00:27:30,159 --> 00:27:26,990

it's a radical but the real thing is its

582

00:27:31,750 --> 00:27:30,169

it is the the properties the whatever it

583

00:27:35,169 --> 00:27:31,760

is it has both properties simultaneously

584

00:27:37,659 --> 00:27:35,179

and this in a sense has some of that is

585

00:27:40,630 --> 00:27:37,669

the kind of the field and here's kind of

586

00:27:43,360 --> 00:27:40,640

the particle the barrier so and it's

587

00:27:44,470 --> 00:27:43,370

this if you can imagine standing in the

588

00:27:47,950 --> 00:27:44,480

center of the room

589

00:27:50,740 --> 00:27:47,960

with the four walls but in each corner

590

00:27:52,960 --> 00:27:50,750

there are some large mirrors so you

591

00:27:55,659 --> 00:27:52,970

could look into infinity in those corner

592

00:27:57,610 --> 00:27:55,669

mirrors and you would see you would see

593

00:27:59,919 --> 00:27:57,620

yourself in the back and Parliament

594

00:28:01,600 --> 00:27:59,929

colombiano symmetry I didn't notice this

595

00:28:03,340 --> 00:28:01,610

until recently but in the first one you

596

00:28:05,230 --> 00:28:03,350

see your face for the next when you see

597

00:28:09,460 --> 00:28:05,240

the back of your head so there's a not

598

00:28:11,919 --> 00:28:09,470

even symmetry to that but it's that so

599

00:28:14,529 --> 00:28:11,929

now here's one of the major points to

600

00:28:16,860 --> 00:28:14,539

run to violate the corner men certainly

601
00:28:22,480 --> 00:28:16,870
are the Wellness this vacuum you use a

602
00:28:26,500 --> 00:28:22,490
use a system of resonances where you so

603
00:28:28,720 --> 00:28:26,510
as this the spatial dimension or the

604
00:28:31,870 --> 00:28:28,730
particular part of it you know so if you

605
00:28:33,909 --> 00:28:31,880
look if you look straight into the

606
00:28:35,889 --> 00:28:33,919
mirror you're blocked you know you can't

607
00:28:37,210 --> 00:28:35,899
that's kind of a sense of synonymous of

608
00:28:38,440 --> 00:28:37,220
a quantum uncertainty principle you

609
00:28:40,810 --> 00:28:38,450
can't see the rest though you can't

610
00:28:43,600 --> 00:28:40,820
access anything you do to that image

611
00:28:48,159 --> 00:28:43,610
it's is blocked but because of this

612
00:28:51,159 --> 00:28:48,169
continuous state metaphor where the

613
00:28:53,850 --> 00:28:51,169

image it's like a movie theater in

614

00:28:56,230 --> 00:28:53,860

metaphor you're you're sitting in the

615

00:28:58,470 --> 00:28:56,240

projection of the asleep thank Friends

616

00:29:04,049 --> 00:28:58,480

of film but up and up squeeze the

617

00:29:08,620 --> 00:29:04,059

continuous fun model of reality and

618

00:29:12,730 --> 00:29:08,630

that's that's one part of it and then if

619

00:29:16,960 --> 00:29:12,740

you so as the phase cycles there's these

620

00:29:20,529 --> 00:29:16,970

gaps and instead of using the continuous

621

00:29:23,139 --> 00:29:20,539

feel that we quantize space with we use

622

00:29:26,500 --> 00:29:23,149

what's in curvilinear resonant oscillator so

623

00:29:28,120 --> 00:29:26,510

that the year time segment is shortened

624

00:29:32,860 --> 00:29:28,130

so you have a gap in between the

625

00:29:33,880 --> 00:29:32,870

creation of the of the of the space-time

626
00:29:35,799 --> 00:29:33,890
present

627
00:29:39,270 --> 00:29:35,809
so you can shoot your laser up through

628
00:29:42,760 --> 00:29:39,280
those gaps through this hierarchy and

629
00:29:45,220 --> 00:29:42,770
use that to manipulate the topological

630
00:29:47,049 --> 00:29:45,230
structure it's very and it's very

631
00:29:49,810 --> 00:29:47,059
amenable to this called programming

632
00:29:53,830 --> 00:29:49,820
programming the vacuum so to run the

633
00:29:55,960 --> 00:29:53,840
spaceship you would have a you know like

634
00:29:58,240 --> 00:29:55,970
the music using radio though the two

635
00:30:00,430 --> 00:29:58,250
signals embedded in each other at

636
00:30:04,510 --> 00:30:00,440
modulation you would one part of the

637
00:30:09,190 --> 00:30:04,520
signal would create the by the

638
00:30:11,409 --> 00:30:09,200

constructor is a coherence length etc

639

00:30:15,549 --> 00:30:11,419

the coherence length to the done size

640

00:30:20,110 --> 00:30:15,559

that you wanted metal parts as those

641

00:30:22,480 --> 00:30:20,120

least units which would create one

642

00:30:24,730 --> 00:30:22,490

factor than to create the the Raven has

643

00:30:28,450 --> 00:30:24,740

at cover the dome and then another one

644

00:30:30,760 --> 00:30:28,460

to learn to bend the Aqua bear metric

645

00:30:33,580 --> 00:30:30,770

and another one to be the topological

646

00:30:36,340 --> 00:30:33,590

switching so it's it would be a complex

647

00:30:41,250 --> 00:30:36,350

and resident hierarchy to run this drive

648

00:30:44,080 --> 00:30:41,260

but that that can all be worked out

649

00:30:46,960 --> 00:30:44,090

again just a metaphor for our reality

650

00:30:49,480 --> 00:30:46,970

coming out of the holographic not long

651
00:30:51,370 --> 00:30:49,490
ago 30 years ago does this is how they

652
00:30:54,159 --> 00:30:51,380
looked at those extra dimensions is

653
00:30:58,620 --> 00:30:54,169
curled up those spheres and now they've

654
00:31:01,210 --> 00:30:58,630
turned into these claw be all manifolds

655
00:31:05,580 --> 00:31:01,220
at least six dimensional more so you

656
00:31:09,130 --> 00:31:05,590
have the other thing that aids in this

657
00:31:11,650 --> 00:31:09,140
the variable talked about the pilot

658
00:31:13,780 --> 00:31:11,660
relative the quantum potential

659
00:31:16,419 --> 00:31:13,790
so the first step off you have a

660
00:31:17,580 --> 00:31:16,429
superior corn potential but then after

661
00:31:21,400 --> 00:31:17,590
when you get up to the unified field

662
00:31:23,620 --> 00:31:21,410
that that governs it's also a governing

663
00:31:25,299 --> 00:31:23,630

factor so though the top three

664

00:31:27,100 --> 00:31:25,309

dimensions are probably just the the

665

00:31:30,940 --> 00:31:27,110

controlling field that keeps this all

666

00:31:34,180 --> 00:31:30,950

symmetric as a but the key point that I

667

00:31:36,250 --> 00:31:34,190

wanna make is what is these lower our

668

00:31:41,500 --> 00:31:36,260

reality this space time and energy as

669

00:31:44,280 --> 00:31:41,510

they are built so then one more thing if

670

00:31:46,620 --> 00:31:44,290

this helps be in Copenhagen

671

00:31:49,370 --> 00:31:46,630

is created at the Big Bang protons and

672

00:31:52,770 --> 00:31:49,380

the building binary ways in the back a

673

00:31:54,960 --> 00:31:52,780

proton is created an already created not

674

00:31:58,290 --> 00:31:54,970

even created so how does this wave

675

00:32:00,840 --> 00:31:58,300

structure of matter and the reality it's

676
00:32:03,060 --> 00:32:00,850
hard to grasp at first it is the first

677
00:32:07,620 --> 00:32:03,070
time you hear that I reality could be so

678
00:32:09,270 --> 00:32:07,630
virtual but again the whole list of

679
00:32:10,770 --> 00:32:09,280
things that be able to solve the fusing

680
00:32:12,570 --> 00:32:10,780
this Maya seems to indicate that it

681
00:32:17,190 --> 00:32:12,580
could be true and if once I can do the

682
00:32:20,040 --> 00:32:17,200
expend and that start to previous that

683
00:32:23,040 --> 00:32:20,050
would be a good indicator again just

684
00:32:28,530 --> 00:32:23,050
other modes of the space-time metric to

685
00:32:32,340 --> 00:32:28,540
show how these are from a mainstream

686
00:32:33,840 --> 00:32:32,350
theory book by Green and I think ones

687
00:32:36,750 --> 00:32:33,850
from the encyclopedia of physics that

688
00:32:40,320 --> 00:32:36,760

show how these topological things from

689

00:32:43,020 --> 00:32:40,330

from a vacuum structure so as I've tried

690

00:32:47,730 --> 00:32:43,030

to mention the there's a leapfrog in a

691

00:32:50,190 --> 00:32:47,740

field end point it's not we don't go all

692

00:32:52,890 --> 00:32:50,200

the way down to plank because it in this

693

00:32:55,800 --> 00:32:52,900

model because about the the I see a

694

00:32:59,430 --> 00:32:55,810

written flip happens before that word

695

00:33:03,150 --> 00:32:59,440

because Bachelor is now so we get to get

696

00:33:06,360 --> 00:33:03,160

a whole year idea what the what the

697

00:33:08,550 --> 00:33:06,370

sweet what the sweetness means mrs. it

698

00:33:10,980 --> 00:33:08,560

snips this is again another metaphor for

699

00:33:13,890 --> 00:33:10,990

that this is the euclidean president you

700

00:33:16,020 --> 00:33:13,900

have our complex space for the past and

701

00:33:18,870 --> 00:33:16,030

a complex space for the for the future

702

00:33:19,820 --> 00:33:18,880

that advanced that make the

703

00:33:22,770 --> 00:33:19,830

thing all run

704

00:33:25,410 --> 00:33:22,780

this is part of just a metaphor for the

705

00:33:29,640 --> 00:33:25,420

hierarchy to n to set up the laser

706

00:33:31,890 --> 00:33:29,650

resonances they along along these line

707

00:33:34,230 --> 00:33:31,900

this this would just be one so alaman

708

00:33:36,810 --> 00:33:34,240

alaman cuss P one where that you'd

709

00:33:39,300 --> 00:33:36,820

actually have on you'd actually with the

710

00:33:44,130 --> 00:33:39,310

Future past you'd actually have had to

711

00:33:47,010 --> 00:33:44,140

them as I mentioned space - time -

712

00:33:52,230 --> 00:33:47,020

energy as part of this new analytic

713

00:33:55,300 --> 00:33:52,240

transformation and I mentioned also goes

714

00:33:59,950 --> 00:33:55,310

from classical requirements

715

00:34:03,070 --> 00:33:59,960

these are very important key elements to

716

00:34:05,390 --> 00:34:03,080

have as part of this the way this

717

00:34:11,150 --> 00:34:05,400

cosmology operates in its continuous

718

00:34:13,520 --> 00:34:11,160

state modes and I was able to do all a

719

00:34:16,310 --> 00:34:13,530

very simple equation in its own expanded

720

00:34:17,750 --> 00:34:16,320

form this I derived this out of string

721

00:34:19,420 --> 00:34:17,760

theorists say there's ten to the

722

00:34:21,770 --> 00:34:19,430

thousand or ten to the Googleplex

723

00:34:22,940 --> 00:34:21,780

possibilities for a string vacuum this

724

00:34:25,300 --> 00:34:22,950

was the only other things that fell out

725

00:34:28,880 --> 00:34:25,310

of this model one unique string vacuum

726

00:34:30,950 --> 00:34:28,890

this is a very simple equation energy or

727

00:34:33,800 --> 00:34:30,960

the rotational alias that will that

728

00:34:36,400 --> 00:34:33,810

allows one to program this is again just

729

00:34:40,130 --> 00:34:36,410

an experiment form of the equation and

730

00:34:41,480 --> 00:34:40,140

who effects the topology you can see so

731

00:34:44,450 --> 00:34:41,490

the energy is going to switch to the

732

00:34:47,570 --> 00:34:44,460

radius because it's not in the way

733

00:34:50,540 --> 00:34:47,580

particle pilot it's not a real barrier

734

00:34:56,000 --> 00:34:50,550

but it's it's a you know if you know and

735

00:34:57,710 --> 00:34:56,010

we send a signal and radio signals to

736

00:34:59,120 --> 00:34:57,720

say the verifier just having them all

737

00:35:02,390 --> 00:34:59,130

kids be there it's enough to make a

738

00:35:07,040 --> 00:35:02,400

barrier to some television radio signals

739

00:35:11,900 --> 00:35:07,050

so that it's it's a domain wall and

740

00:35:16,850 --> 00:35:11,910

here's here's the part about the end the

741

00:35:19,100 --> 00:35:16,860

twelve dimensions going Heisey this is

742

00:35:20,900 --> 00:35:19,110

the singular point from the twelve

743

00:35:24,860 --> 00:35:20,910

dimension this is kind of out of string

744

00:35:26,870 --> 00:35:24,870

theory oh well I forgot is that fuel

745

00:35:29,900 --> 00:35:26,880

equation that I developed takes the same

746

00:35:32,120 --> 00:35:29,910

form as the as this equation force to

747

00:35:36,080 --> 00:35:32,130

attention which was one of the things

748

00:35:40,160 --> 00:35:36,090

that made it become promising so we have

749

00:35:42,320 --> 00:35:40,170

up the large scale student attention at

750

00:35:46,310 --> 00:35:42,330

the cosmological constant and then and

751

00:35:48,230 --> 00:35:46,320

then the small one for the Planck size

752

00:35:51,320 --> 00:35:48,240

diameter this is just how the dimensions

753

00:35:54,050 --> 00:35:51,330

continuously compact another metaphor

754

00:35:55,940 --> 00:35:54,060

they they go out they go there that with

755

00:35:59,000 --> 00:35:55,950

the caveat mirror symmetry they go back

756

00:36:01,760 --> 00:35:59,010

and forth I know I'm not making us very

757

00:36:02,760 --> 00:36:01,770

clear that it's this structure that

758

00:36:05,010 --> 00:36:02,770

allows one to

759

00:36:07,380 --> 00:36:05,020

program space-time through these

760

00:36:10,110 --> 00:36:07,390

resonance modes because you is just it

761

00:36:12,990 --> 00:36:10,120

becomes just a simple timing when when

762

00:36:16,770 --> 00:36:13,000

they'd say at the particular or the

763

00:36:19,170 --> 00:36:16,780

barrier part that's either your Sigma

764

00:36:20,700 --> 00:36:19,180

can bounce off it does one thing in bet

765

00:36:22,260 --> 00:36:20,710

then when the hole is open through a

766

00:36:24,540 --> 00:36:22,270

field part that's where you can go up to

767

00:36:28,550 --> 00:36:24,550

the next level in the resonance

768

00:36:33,750 --> 00:36:28,560

hierarchy and this is just to show where

769

00:36:36,270 --> 00:36:33,760

this is a standard then picture of those

770

00:36:38,610 --> 00:36:36,280

present status of string theory they had

771

00:36:42,150 --> 00:36:38,620

the five years or six days and they now

772

00:36:44,430 --> 00:36:42,160

call it M theory and it's cast in 11

773

00:36:46,260 --> 00:36:44,440

dimensions I finish it off with 12

774

00:36:49,220 --> 00:36:46,270

dimensions because there's this

775

00:36:54,360 --> 00:36:49,230

anthropic principle which drives it as a

776

00:36:56,820 --> 00:36:54,370

complex system in only for the Hubble

777

00:36:59,010 --> 00:36:56,830

pilot in in this model if you went out

778

00:37:06,270 --> 00:36:59,020

to a how the radius you'd be able to see

779

00:37:13,800 --> 00:37:06,280

a matter how the radius let's see if

780

00:37:15,660 --> 00:37:13,810

there's anything else that again so they

781

00:37:18,300 --> 00:37:15,670

this back of this infinite potential the

782

00:37:19,620 --> 00:37:18,310

background it has all all of the gems

783

00:37:22,320 --> 00:37:19,630

you've all particle is going to be able

784

00:37:25,080 --> 00:37:22,330

to all fall out of it so it's this is an

785

00:37:28,170 --> 00:37:25,090

area equation how to describe the whole

786

00:37:36,310 --> 00:37:28,180

my holographic anthropic model a unique

787

00:37:44,050 --> 00:37:42,160

I guess another metaphor for the an

788

00:37:47,230 --> 00:37:44,060

image of the neurotic field equation how

789

00:37:49,030 --> 00:37:47,240

its able to manipulate the topology as

790

00:37:51,160 --> 00:37:49,040

it is undergoing all that those

791

00:37:55,060 --> 00:37:51,170

processes and this is this is one of

792

00:37:57,040 --> 00:37:55,070

their key elements to breaks through

793

00:37:59,230 --> 00:37:57,050

space quantization and violate the

794

00:38:01,870 --> 00:37:59,240

quantum uncertainty principle using

795

00:38:05,080 --> 00:38:01,880

cursive oscillator so when you're doing

796

00:38:07,300 --> 00:38:05,090

your boosts and you don't allow the

797

00:38:08,830 --> 00:38:07,310

space quantization to be the rigid

798

00:38:13,240 --> 00:38:08,840

barrier with with the in cursive

799

00:38:17,860 --> 00:38:13,250

oscillator you can you can adjust delta

800

00:38:20,320 --> 00:38:17,870

t/2 to have different sized hole for

801
00:38:25,030 --> 00:38:20,330
your resonances another model there met

802
00:38:26,500 --> 00:38:25,040
a model of reality how you know it all

803
00:38:30,820 --> 00:38:26,510
relates to conjure that I'll become the

804
00:38:32,890 --> 00:38:30,830
same thing the awareness another this

805
00:38:36,820 --> 00:38:32,900
meta model of the standing wave future

806
00:38:40,170 --> 00:38:36,830
past here you can this one is a little

807
00:38:43,180 --> 00:38:40,180
bit good for covering it with wormholes

808
00:38:44,970 --> 00:38:43,190
this is again how you ramp up the

809
00:38:47,430 --> 00:38:44,980
residents Hart is

810
00:38:50,080 --> 00:38:47,440
well it's interesting to do is you have

811
00:38:52,900 --> 00:38:50,090
you had a principle of physics that's

812
00:38:56,650 --> 00:38:52,910
used for something else and it applies

813
00:38:59,080 --> 00:38:56,660

to this this is a metaphor as far as

814

00:39:03,010 --> 00:38:59,090

I've gotten on their new transform where

815

00:39:04,930 --> 00:39:03,020

you you start out in regular Euclidean

816

00:39:08,260 --> 00:39:04,940

space part of this memory is reversed

817

00:39:10,480 --> 00:39:08,270

and then you it's a tooth it's a mirror

818

00:39:14,080 --> 00:39:10,490

symmetry of the to double D so Triple D

819

00:39:16,300 --> 00:39:14,090

so you're going to this this saying

820

00:39:19,810 --> 00:39:16,310

malloc transform that you will let allow

821

00:39:22,740 --> 00:39:19,820

you to run the run the warp drive is the

822

00:39:25,900 --> 00:39:22,750

same one that will allow us to develop

823

00:39:30,970 --> 00:39:25,910

ESP machines because it will once once

824

00:39:32,560 --> 00:39:30,980

we figure out how to them say where the

825

00:39:36,310 --> 00:39:32,570

person is we will be able to send a

826

00:39:39,870 --> 00:39:36,320

signal when one more quick thing it's

827

00:39:43,630 --> 00:39:39,880

this space-time exit Plex that allows

828

00:39:46,780 --> 00:39:43,640

the programming and this is also in the

829

00:39:47,400 --> 00:39:46,790

book and I guess I'd better this is part

830

00:39:50,069 --> 00:39:47,410

of the

831

00:39:52,380 --> 00:39:50,079

a metaphor for the programming the

832

00:39:55,200 --> 00:39:52,390

hierarchy you start with the classical

833

00:40:00,260 --> 00:39:55,210

oscillators then you go down to incur

834

00:40:04,380 --> 00:40:00,270

some oscillator which allows you to and

835

00:40:07,049 --> 00:40:04,390

then you know it will rely on a spheroid

836

00:40:10,230 --> 00:40:07,059

of the regular talk--i Mac reactor won't

837

00:40:12,720 --> 00:40:10,240

do it without just a fairly low amount

838

00:40:16,170 --> 00:40:12,730

of resources to connect reactor program

839

00:40:17,910 --> 00:40:16,180

with all of these this huge array of

840

00:40:22,950 --> 00:40:17,920

things I tried to explain very briefly

841

00:40:30,839 --> 00:40:22,960

will will allow for the drive to operate

842

00:40:40,829 --> 00:40:30,849

thank you much Richard we have time for

843

00:40:43,470 --> 00:40:40,839

two brief questions I wonder if you

844

00:40:46,079 --> 00:40:43,480

could explain a little bit more on one

845

00:40:49,349 --> 00:40:46,089

of the early introductory points you

846

00:40:51,990 --> 00:40:49,359

mentioned this new noetic transform that

847

00:40:55,740 --> 00:40:52,000

involves boosting along all three axes

848

00:40:57,569 --> 00:40:55,750

but as a physicist frankly I don't

849

00:41:00,319 --> 00:40:57,579

understand what it means to post along

850

00:41:03,150 --> 00:41:00,329

multiple axes simultaneously any any

851
00:41:05,069 --> 00:41:03,160
combination of vectors is simply another

852
00:41:08,400 --> 00:41:05,079
vector that has a particular direction

853
00:41:10,890 --> 00:41:08,410
the x y&z axes are just mathematical

854
00:41:13,950 --> 00:41:10,900
constructs with no physical meaning yeah

855
00:41:16,620 --> 00:41:13,960
take me a bit to today know radius ly

856
00:41:18,510 --> 00:41:16,630
like you wanted me to but the only way

857
00:41:20,730 --> 00:41:18,520
that it works is because you're using a

858
00:41:25,440 --> 00:41:20,740
twelve dimensional space-time and you're

859
00:41:29,760 --> 00:41:25,450
coupling into these processes that are

860
00:41:34,319 --> 00:41:29,770
there going on but the one of the key

861
00:41:37,349 --> 00:41:34,329
points to to be aware of is that that is

862
00:41:39,720 --> 00:41:37,359
already all going on as as we're

863
00:41:43,170 --> 00:41:39,730

embedded in and made out of these

864

00:41:46,349 --> 00:41:43,180

materials for the observer so you have

865

00:41:50,010 --> 00:41:46,359

to uncouple to uncouple that that felt

866

00:41:50,780 --> 00:41:50,020

part of our life you know i postulated

867

00:41:53,390 --> 00:41:50,790

along the

868

00:41:55,100 --> 00:41:53,400

life-principle the thought transformers

869

00:41:56,690 --> 00:41:55,110

is already in the continuous state

870

00:41:58,220 --> 00:41:56,700

process that transform is already

871

00:42:00,710 --> 00:41:58,230

operating the background all by itself

872

00:42:03,770 --> 00:42:00,720

so in a sense all we have to do you

873

00:42:05,720 --> 00:42:03,780

meditate you get a revelation from God

874

00:42:08,000 --> 00:42:05,730

or clairvoyant experience you've somehow

875

00:42:11,060 --> 00:42:08,010

uncoupled send yourself and gone up to

876

00:42:13,940 --> 00:42:11,070

that domain that all the occurs so

877

00:42:18,170 --> 00:42:13,950

another now to try to describe it it's

878

00:42:19,790 --> 00:42:18,180

in it's in doing it within itself all of

879

00:42:21,470 --> 00:42:19,800

the dimension have to be used so if it's

880

00:42:23,210 --> 00:42:21,480

a stationary instead of that you know

881

00:42:25,790 --> 00:42:23,220

like you're having a particle off along

882

00:42:28,100 --> 00:42:25,800

the XS that x-axis it's it's not a

883

00:42:30,560 --> 00:42:28,110

stationary boost where you you just

884

00:42:32,840 --> 00:42:30,570

couple in couple to in boost each of

885

00:42:35,180 --> 00:42:32,850

those units are there and want to carry

886

00:42:40,480 --> 00:42:35,190

that coupling point of your awareness or

887

00:42:43,880 --> 00:42:40,490

of these other elements into the into a

888

00:42:45,440 --> 00:42:43,890

regime that's it so instead of you could

889

00:42:46,670 --> 00:42:45,450

say little photo you could

890

00:42:49,040 --> 00:42:46,680

circumnavigate the university without

891

00:42:51,100 --> 00:42:49,050

the passage of time that regime is

892

00:42:53,810 --> 00:42:51,110

already there so I'm working on this

893

00:42:56,270 --> 00:42:53,820

transform to describe that I don't know

894

00:42:58,070 --> 00:42:56,280

if that's a help I think for the poses

895

00:43:00,980 --> 00:42:58,080

of this us imposing this probably all I