

1
00:00:00,030 --> 00:00:06,750
thank you I want to thank the organizers

2
00:00:03,359 --> 00:00:12,718
of SSC it's certainly a privilege to be

3
00:00:06,750 --> 00:00:15,630
here I wanted to say one thing about

4
00:00:12,718 --> 00:00:17,698
myself kind of to tease you and the

5
00:00:15,630 --> 00:00:20,670
partisan physicists that call myself an

6
00:00:17,699 --> 00:00:23,310
analysis after what Plato taught a

7
00:00:20,670 --> 00:00:25,949
couple thousand years ago said no matter

8
00:00:23,309 --> 00:00:28,589
how big you were how vast your

9
00:00:25,949 --> 00:00:30,689
storehouse of knowledge analytic insight

10
00:00:28,589 --> 00:00:33,899
was beyond beyond that or your basic

11
00:00:30,689 --> 00:00:39,989
came from the cosmos so as analysis I've

12
00:00:33,899 --> 00:00:42,329
tried to to use some of that and some of

13
00:00:39,988 --> 00:00:46,349
this is in my book coming out in July I

14
00:00:42,329 --> 00:00:49,770
have the first model of interactionism

15
00:00:46,350 --> 00:00:50,520
in in existence and it solves some of

16
00:00:49,770 --> 00:00:55,170
the problems

17
00:00:50,520 --> 00:00:56,820
Chalmers said then the problem of

18
00:00:55,170 --> 00:00:59,698
consciousness is tantamount to the

19
00:00:56,820 --> 00:01:02,189
problem of qualia I have a the first

20
00:00:59,698 --> 00:01:05,879
physical model of qualia in history and

21
00:01:02,189 --> 00:01:08,489
the model should give the handles to

22
00:01:05,879 --> 00:01:10,228
lead into actually in physical terms

23
00:01:08,489 --> 00:01:16,408
breaking down the first person third

24
00:01:10,228 --> 00:01:18,390
president barrier besides being a

25
00:01:16,409 --> 00:01:20,909
physicist and a high priest in the

26
00:01:18,390 --> 00:01:25,109
Mormon Church and it appears to be a

27
00:01:20,909 --> 00:01:27,600
Mormon doctrine that before our

28
00:01:25,109 --> 00:01:29,459
civilization develops warp drive travel

29

00:01:27,599 --> 00:01:31,828
a millennium must either be taken off

30
00:01:29,459 --> 00:01:33,809
planet so it was only one that I

31
00:01:31,828 --> 00:01:35,548
hint-hint on that is his only angels who

32
00:01:33,810 --> 00:01:38,430
served who are of the Earth's early

33
00:01:35,549 --> 00:01:40,079
Earth and so it kind of already Mitchell

34
00:01:38,430 --> 00:01:43,020
said I thought I would just tease you

35
00:01:40,078 --> 00:01:45,269
with that as I as I hope I have also the

36
00:01:43,019 --> 00:01:50,060
handles that Eric was talking about that

37
00:01:45,269 --> 00:01:50,060
will lead to the breakthrough physics I

38
00:01:53,209 --> 00:02:01,129
talked about some of these things the

39
00:01:55,319 --> 00:02:03,978
huge Sun sized energy sources and then

40
00:02:01,129 --> 00:02:07,438
the

41
00:02:03,978 --> 00:02:09,270
it is my opinion that the current

42
00:02:07,438 --> 00:02:12,590
physics for dimensional physics which

43
00:02:09,270 --> 00:02:15,590

governs the Big Bang kourin Theory

44

00:02:12,590 --> 00:02:19,620

gravitation a theory all these are

45

00:02:15,590 --> 00:02:28,890

insufficient to to solve the the problem

46

00:02:19,620 --> 00:02:31,980

of warp drive and so all of these things

47

00:02:28,889 --> 00:02:35,250

that need to be extended in ordinary in

48

00:02:31,979 --> 00:02:37,818

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

49

00:02:35,250 --> 00:02:40,530

able to make some of that clear to you

50

00:02:37,818 --> 00:02:51,810

any one of these things to be a topic of

51

00:02:40,530 --> 00:02:54,060

a talk and these enormous gravitational

52

00:02:51,810 --> 00:02:57,390

effects the Napali near effect there's

53

00:02:54,060 --> 00:03:00,030

an era that in it'll it's like this and

54

00:02:57,389 --> 00:03:02,250

the duality to gravity and we need to

55

00:03:00,030 --> 00:03:04,289

complete gravity I don't believe there's

56

00:03:02,250 --> 00:03:07,919

a quantum gravity per se that that's not

57

00:03:04,289 --> 00:03:09,929

the regime of integration and you can

58
00:03:07,919 --> 00:03:12,929
claim that the effects of gravity we're

59
00:03:09,930 --> 00:03:15,329
instantaneous Einstein said that's not

60
00:03:12,930 --> 00:03:18,329
possible because of the special

61
00:03:15,329 --> 00:03:20,189
relativity but we'll know from the EPR

62
00:03:18,329 --> 00:03:22,349
experiment that there is an

63
00:03:20,189 --> 00:03:23,909
instantaneous connection and there's no

64
00:03:22,349 --> 00:03:25,560
way of getting around that and it

65
00:03:23,909 --> 00:03:26,519
doesn't seem to be discussed in the

66
00:03:25,560 --> 00:03:31,489
people who are working on quantum

67
00:03:26,519 --> 00:03:34,049
gravity but it's that that a part of

68
00:03:31,489 --> 00:03:36,299
gravity that is going to be important I

69
00:03:34,049 --> 00:03:42,599
think to warp drive to use a dual to

70
00:03:36,299 --> 00:03:45,599
complete it a dual form of gravity how

71
00:03:42,599 --> 00:03:48,239
put us work on that polarized vacuum

72
00:03:45,599 --> 00:03:50,250
that's heavily rely on that heavily in

73
00:03:48,239 --> 00:03:53,519
my model but again I think how pretty

74
00:03:50,250 --> 00:03:56,969
much uses a four dimensional model using

75
00:03:53,519 --> 00:03:59,549
a straight theoretic they use the set

76
00:03:56,969 --> 00:04:00,959
around 11 dimensions now I use a twelve

77
00:03:59,549 --> 00:04:03,480
dimensional model because there's an

78
00:04:00,959 --> 00:04:05,519
additional anthropic action principle I

79
00:04:03,479 --> 00:04:08,849
assume that the Hubble sphere is a form

80
00:04:05,519 --> 00:04:10,500
of complex self-organized system in a

81
00:04:08,849 --> 00:04:12,569
multiverse with a potential for an

82
00:04:10,500 --> 00:04:13,789
infinite number of nested Hubble spheres

83
00:04:12,569 --> 00:04:21,529
each with their own fine

84
00:04:13,789 --> 00:04:23,870
- in laws of physics so I'm looking for

85
00:04:21,529 --> 00:04:26,569
the water that I presented is we still

86

00:04:23,870 --> 00:04:28,699
use the al-kabir warp drive metric that

87
00:04:26,569 --> 00:04:34,279
it's more for orientation we don't need

88
00:04:28,699 --> 00:04:38,840
huge mess because of a utility of mini

89
00:04:34,279 --> 00:04:41,569
wormholes we cover the cover the well

90
00:04:38,839 --> 00:04:43,448
peddle affair with wormholes with the

91
00:04:41,569 --> 00:04:47,750
mini wormholes and there's a way of

92
00:04:43,449 --> 00:04:49,550
creating that kind of a dome a simple

93
00:04:47,750 --> 00:04:50,959
metaphor which isn't caught on targets

94
00:04:49,550 --> 00:04:53,060
remember for near a high school junior

95
00:04:50,959 --> 00:04:55,489
high school physics demonstration where

96
00:04:53,060 --> 00:04:57,439
there is a table with hundreds of holes

97
00:04:55,490 --> 00:05:01,519
in a I was forced through it and the

98
00:04:57,439 --> 00:05:04,759
puck became frictionless so in this new

99
00:05:01,519 --> 00:05:08,060
12 dimensional I call it the holographic

100
00:05:04,759 --> 00:05:12,728

anthropic multiverse which is a twelve

101

00:05:08,060 --> 00:05:15,228

dimensional form you use a full bin

102

00:05:12,728 --> 00:05:17,959

Heisenberg potential model where the

103

00:05:15,228 --> 00:05:19,579

back the background is spend some

104

00:05:17,959 --> 00:05:22,069

controversy in physics about that

105

00:05:19,579 --> 00:05:24,139

whether before you take a measurement

106

00:05:22,069 --> 00:05:27,348

does anything exist

107

00:05:24,139 --> 00:05:29,449

we're claiming that on the sad stuff for

108

00:05:27,348 --> 00:05:31,370

a moment here the traditionally it's

109

00:05:29,449 --> 00:05:33,259

been said that the extra dimensions are

110

00:05:31,370 --> 00:05:35,538

microscopic at the Planck scale

111

00:05:33,259 --> 00:05:37,009

curled up beneath us there's a little

112

00:05:35,538 --> 00:05:40,098

bit of talk about large-scale extra

113

00:05:37,009 --> 00:05:41,779

dimensions which I use so instead we're

114

00:05:40,098 --> 00:05:43,250

in a virtual reality our four

115
00:05:41,779 --> 00:05:46,638
dimensional is just same as if you put

116
00:05:43,250 --> 00:05:48,970
on virtual reality glasses with a four

117
00:05:46,639 --> 00:05:53,329
dimensional subspace of a much broader

118
00:05:48,970 --> 00:05:55,070
much higher dimensional and space and so

119
00:05:53,329 --> 00:05:59,389
what this allows which I'll show you is

120
00:05:55,069 --> 00:06:03,139
and figure-ground effect so you use you

121
00:05:59,389 --> 00:06:05,800
use something like a spherical reactor

122
00:06:03,139 --> 00:06:09,348
to just generate sufficient energy to

123
00:06:05,800 --> 00:06:11,840
occur the space and then to the

124
00:06:09,348 --> 00:06:14,449
spaceship to remove the spaceship from

125
00:06:11,839 --> 00:06:18,138
the background and then drop it back in

126
00:06:14,449 --> 00:06:20,300
and as you know in the LSA temeka are

127
00:06:18,139 --> 00:06:23,360
key when you look at the Necker cube the

128
00:06:20,300 --> 00:06:23,990
you see the vertices switch so we want

129
00:06:23,360 --> 00:06:26,930
to apply

130
00:06:23,990 --> 00:06:29,290
to this new regime a topological

131
00:06:26,930 --> 00:06:32,500
switching and the world factor would be

132
00:06:29,290 --> 00:06:38,960
kind of the switching lengths between

133
00:06:32,500 --> 00:06:42,980
the switches whether it's a whole new

134
00:06:38,959 --> 00:06:45,379
way is a a new kind of Dirac vacuum

135
00:06:42,980 --> 00:06:47,450
breakdown and a unique stream vacuum I

136
00:06:45,379 --> 00:06:50,000
enter into play I'm not sure the draw

137
00:06:47,449 --> 00:06:54,620
the line but anyway they use them

138
00:06:50,000 --> 00:06:56,930
somewhat soon ominous synonymously then

139
00:06:54,620 --> 00:06:58,759
the very got stuck you couldn't complete

140
00:06:56,930 --> 00:07:02,209
quantum theory in four dimensions in

141
00:06:58,759 --> 00:07:05,449
twelve dimensions it's it's turned out

142
00:07:02,209 --> 00:07:09,409
to be quite easy to to complete quantum

143

00:07:05,449 --> 00:07:11,569
theory the way we've known historically

144
00:07:09,410 --> 00:07:14,630
that when the correct theory comes along

145
00:07:11,569 --> 00:07:16,670
it has certain properties it is elegant

146
00:07:14,629 --> 00:07:19,449
logical internally consistent and has

147
00:07:16,670 --> 00:07:22,400
broad explanatory power

148
00:07:19,449 --> 00:07:24,529
I'm leaving the conference a little bit

149
00:07:22,399 --> 00:07:27,769
early there was a British hedge fund

150
00:07:24,529 --> 00:07:30,079
that's promised me ten million British

151
00:07:27,769 --> 00:07:31,449
pounds to build a quantum computer built

152
00:07:30,079 --> 00:07:34,969
on this model and there's another

153
00:07:31,449 --> 00:07:36,949
Hungarian group of offering seven

154
00:07:34,970 --> 00:07:39,410
million euros so and if that come up

155
00:07:36,949 --> 00:07:41,000
with it but we'll get into that in the

156
00:07:39,410 --> 00:07:42,800
room that the you know in a minute this

157
00:07:41,000 --> 00:07:43,970

is a very important part of it I

158

00:07:42,800 --> 00:07:46,730

mentioned touched a little bit on what

159

00:07:43,970 --> 00:07:49,940

has to be done to complete geometric

160

00:07:46,730 --> 00:07:52,370

geometric dynamics this is essentially

161

00:07:49,939 --> 00:07:54,050

based on a new set of I'll call the

162

00:07:52,370 --> 00:07:56,540

neurotic transformations after the

163

00:07:54,050 --> 00:07:58,699

anthropic multiverse which my new model

164

00:07:56,540 --> 00:08:02,150

of cosmology as I spent about 15 years

165

00:07:58,699 --> 00:08:04,490

developing that the Galilean transformed

166

00:08:02,149 --> 00:08:05,929

the Lorenz Poincare transformations with

167

00:08:04,490 --> 00:08:11,269

their particle pretty much traveling

168

00:08:05,930 --> 00:08:14,569

along the x direction and people and

169

00:08:11,269 --> 00:08:16,939

manic off is Elizabeth Russian and one

170

00:08:14,569 --> 00:08:24,409

of our in her research and I've extended

171

00:08:16,939 --> 00:08:29,300

the spend on that in and in the fellow

172
00:08:24,410 --> 00:08:32,570
from help with us is God the other he's

173
00:08:29,300 --> 00:08:33,019
done work on them on superluminal

174
00:08:32,570 --> 00:08:37,220
Lawrence

175
00:08:33,019 --> 00:08:39,860
so but in the new transform you boost

176
00:08:37,220 --> 00:08:42,139
one Elizabeth work I'm not sure that so

177
00:08:39,860 --> 00:08:44,629
much in the cost right why am i drawing

178
00:08:42,139 --> 00:08:47,960
a blank on it really apologized you when

179
00:08:44,629 --> 00:08:49,820
you disappear Lance transform you you

180
00:08:47,960 --> 00:08:53,000
boost the spatial dimension to a

181
00:08:49,820 --> 00:08:54,950
temporal dimension well I do a an

182
00:08:53,000 --> 00:08:57,919
edition of this let me back up again in

183
00:08:54,950 --> 00:08:59,960
that ice cream later took the real farm

184
00:08:57,919 --> 00:09:01,879
in Milan it is transactional and our

185
00:08:59,960 --> 00:09:05,180
model of quantum theory I extended that

186
00:09:01,879 --> 00:09:07,220
also to cosmology so cosmology itself we

187
00:09:05,179 --> 00:09:09,859
have in a sense the present is still

188
00:09:07,220 --> 00:09:12,590
standing over the future past but you

189
00:09:09,860 --> 00:09:14,210
have in a sense three men caste packages

190
00:09:12,590 --> 00:09:15,950
which create the standing wave of the

191
00:09:14,210 --> 00:09:17,750
president there's there's a complex

192
00:09:15,950 --> 00:09:19,250
space for the future and complex so

193
00:09:17,750 --> 00:09:22,580
that's how you create this subspace

194
00:09:19,250 --> 00:09:24,019
because if we're to be a virtuous

195
00:09:22,580 --> 00:09:26,600
subspace of this higher dimensional

196
00:09:24,019 --> 00:09:28,460
subspace you have to have a way of we're

197
00:09:26,600 --> 00:09:30,340
taking the pile and putting it back

198
00:09:28,460 --> 00:09:35,570
together again kind of all of the rocks

199
00:09:30,340 --> 00:09:37,850
annihilation and creation metaphors the

200

00:09:35,570 --> 00:09:40,070
so in the new set of transformations is

201
00:09:37,850 --> 00:09:42,940
even just be salami dimension you have

202
00:09:40,070 --> 00:09:49,730
to boost the on all three XYZ

203
00:09:42,940 --> 00:09:52,490
simultaneously this is an e did you do

204
00:09:49,730 --> 00:09:54,259
it twice you do it this good even though

205
00:09:52,490 --> 00:09:57,350
this plasma definitely that they're four

206
00:09:54,259 --> 00:10:00,379
minutes we get into the into the into

207
00:09:57,350 --> 00:10:03,019
the new cosmology it's um but so many be

208
00:10:00,379 --> 00:10:04,669
offended it's a leap it's a bigger leap

209
00:10:03,019 --> 00:10:07,730
than the usual eat because there's so

210
00:10:04,669 --> 00:10:11,750
many you know in strength a that khalaby

211
00:10:07,730 --> 00:10:20,050
are what I came to only five minutes

212
00:10:11,750 --> 00:10:20,049
left I just started now forty minutes

213
00:10:20,899 --> 00:10:26,149
well it's nice to be here Ayodhya an

214
00:10:23,149 --> 00:10:29,240

excuse like this I undertake this pause

215

00:10:26,149 --> 00:10:30,889

to to tell the joke I forgot about a

216

00:10:29,240 --> 00:10:33,230

friend of mine used to building to the

217

00:10:30,889 --> 00:10:35,929

Soviet Russia in the seventies nuclear

218

00:10:33,230 --> 00:10:37,940

physics conferences and you know the

219

00:10:35,929 --> 00:10:40,549

grand Russian hotels with solid marble

220

00:10:37,940 --> 00:10:42,680

staircases vast banisters and the huge

221

00:10:40,549 --> 00:10:44,599

tapestries that other amenities were

222

00:10:42,679 --> 00:10:46,370

missing one time he had to do a dump and

223

00:10:44,600 --> 00:10:48,379

so he said there's Russian colleagues

224

00:10:46,370 --> 00:10:50,509

and there's no toilet paper in there so

225

00:10:48,379 --> 00:10:54,200

his Russian colleague pull out a courted

226

00:10:50,509 --> 00:10:56,299

manuscript so there's two conclusions to

227

00:10:54,200 --> 00:10:58,250

this one is be careful when you give you

228

00:10:56,299 --> 00:11:00,019

a manuscript to a Russian colleague

229
00:10:58,250 --> 00:11:02,210
you're not sure he's going to do this

230
00:11:00,019 --> 00:11:03,860
and the second one is I hope my

231
00:11:02,210 --> 00:11:06,920
chocolate will be better than toilet

232
00:11:03,860 --> 00:11:16,789
paper and yeah

233
00:11:06,919 --> 00:11:20,199
all right so cosmologies like the domino

234
00:11:16,789 --> 00:11:22,730
although all of these things pretty much

235
00:11:20,200 --> 00:11:24,980
rely on a new understanding of cosmology

236
00:11:22,730 --> 00:11:26,720
they're all the right related our

237
00:11:24,980 --> 00:11:28,789
understanding of quantum theory of

238
00:11:26,720 --> 00:11:31,190
gravitation special relativity the

239
00:11:28,789 --> 00:11:33,589
direct equation at all all based on

240
00:11:31,190 --> 00:11:37,070
understanding cosmology here's my other

241
00:11:33,590 --> 00:11:39,080
book from last year this this is really

242
00:11:37,070 --> 00:11:41,690
a treatise the best treatise I have

243
00:11:39,080 --> 00:11:43,639
today on the armless new because

244
00:11:41,690 --> 00:11:46,640
knowledge it has the design for quantum

245
00:11:43,639 --> 00:11:49,519
computing and the thin mentality that

246
00:11:46,639 --> 00:11:52,370
come here today this is my first foray

247
00:11:49,519 --> 00:11:54,199
into FTL warp drive is there's one of

248
00:11:52,370 --> 00:11:56,149
chapters where I tell how to build a

249
00:11:54,200 --> 00:11:58,940
defense shield that will withstand

250
00:11:56,149 --> 00:12:00,620
nuclear ordnance and that's because of

251
00:11:58,940 --> 00:12:03,740
in there so it's those same principles

252
00:12:00,620 --> 00:12:06,529
that are important here for the work of

253
00:12:03,740 --> 00:12:08,899
today that all of this is really it's a

254
00:12:06,529 --> 00:12:16,759
new highly dimensional understanding of

255
00:12:08,899 --> 00:12:18,289
the vacuum and again so this mod is

256
00:12:16,759 --> 00:12:19,730
empirically testable and part of

257

00:12:18,289 --> 00:12:21,379
building a quantum computer will

258
00:12:19,730 --> 00:12:21,920
empirically test that there's another

259
00:12:21,379 --> 00:12:23,539
way

260
00:12:21,919 --> 00:12:26,659
Stanley proves no foods

261
00:12:23,539 --> 00:12:28,909
sample here's no he stuck them that

262
00:12:26,659 --> 00:12:30,379
makes the opponent going to builds

263
00:12:28,909 --> 00:12:31,969
conformational change I'm going to try

264
00:12:30,379 --> 00:12:33,409
to get him that's an easy experiment

265
00:12:31,970 --> 00:12:35,690
it's the same principle as the quantum

266
00:12:33,409 --> 00:12:38,929
computer because mometrix topic and put

267
00:12:35,690 --> 00:12:42,319
the try em all kids in Siler a.m. and

268
00:12:38,929 --> 00:12:44,120
use the space-time system of lasers and

269
00:12:42,318 --> 00:12:48,828
things we'll talk about in a minute

270
00:12:44,120 --> 00:12:50,568
but this this book has has much more

271
00:12:48,828 --> 00:12:53,059

about it than I can I could give here

272

00:12:50,568 --> 00:12:55,669

and I had another agenda I want to build

273

00:12:53,059 --> 00:12:58,818

a new class of medical devices salt in

274

00:12:55,669 --> 00:13:01,129

the purpose I said this this send book

275

00:12:58,818 --> 00:13:03,078

is a is a nobel prize giveaway there's

276

00:13:01,129 --> 00:13:05,179

at least parity 12 Nobel Prizes that

277

00:13:03,078 --> 00:13:07,429

I've put a handle in here that people

278

00:13:05,179 --> 00:13:08,899

could you know if I was a better

279

00:13:07,429 --> 00:13:11,299

physicist or you've written the

280

00:13:08,899 --> 00:13:12,828

definitive paper in how to violate the

281

00:13:11,299 --> 00:13:14,059

corn of uncertainty principle which is

282

00:13:12,828 --> 00:13:18,859

one of the chapters I think all that

283

00:13:14,059 --> 00:13:22,849

probability one and in the early days

284

00:13:18,860 --> 00:13:25,669

the Apollo continuous Zee field and to

285

00:13:22,850 --> 00:13:28,339

Estonia bailout devices and you got

286
00:13:25,669 --> 00:13:30,979
space quantization for 100 years by

287
00:13:28,339 --> 00:13:32,600
definition that has led to the

288
00:13:30,980 --> 00:13:35,659
uncertainty principle which is supposed

289
00:13:32,600 --> 00:13:38,600
to be not able to be violated

290
00:13:35,659 --> 00:13:39,559
well the first simple answer is do

291
00:13:38,600 --> 00:13:43,339
something else

292
00:13:39,559 --> 00:13:44,719
so what is that something else so you

293
00:13:43,339 --> 00:13:47,089
know it for an understanding that the

294
00:13:44,720 --> 00:13:50,839
space time vacuum is a anti-dependence

295
00:13:47,089 --> 00:13:53,420
based on metric in how do you spell your

296
00:13:50,839 --> 00:13:55,970
del redshift not expansion of the

297
00:13:53,419 --> 00:13:57,828
universe so the best when the best

298
00:13:55,970 --> 00:13:59,680
evidence is for the direct vacuum is the

299
00:13:57,828 --> 00:14:04,219
Casimir effect and there's those others

300
00:13:59,679 --> 00:14:06,649
and then so if you have a jar polarize

301
00:14:04,220 --> 00:14:08,660
vacuum you have photon has a mass and

302
00:14:06,649 --> 00:14:11,688
this this is part of the new

303
00:14:08,659 --> 00:14:14,480
transformation which allows the vacuum

304
00:14:11,688 --> 00:14:15,828
to be manipulated to build a warp driver

305
00:14:14,480 --> 00:14:25,159
and do some of these other things

306
00:14:15,828 --> 00:14:29,000
so simply UN here you go I decided to

307
00:14:25,159 --> 00:14:31,879
call my model the holographic wormhole

308
00:14:29,000 --> 00:14:33,058
drive that fell practical privilege does

309
00:14:31,879 --> 00:14:34,908
not require

310
00:14:33,058 --> 00:14:37,379
hardly any negative energy because you

311
00:14:34,908 --> 00:14:39,838
the infinite energy is built into the

312
00:14:37,379 --> 00:14:43,379
vacuum in the same way that you violate

313
00:14:39,839 --> 00:14:45,389
the uncertainty principle you if in this

314

00:14:43,379 --> 00:14:47,249
new cosmology instead of the quantum

315
00:14:45,389 --> 00:14:50,519
particle in the Box three dimensional

316
00:14:47,249 --> 00:14:51,989
box we have it's if it's conformant is

317
00:14:50,519 --> 00:14:56,759
still in there and three of twelve

318
00:14:51,989 --> 00:14:59,038
dimensions what's going on the the

319
00:14:56,759 --> 00:15:00,479
particle you have to do some more of a

320
00:14:59,038 --> 00:15:04,379
cosmology and to make this more

321
00:15:00,479 --> 00:15:06,449
understandable the 12th dimension is it

322
00:15:04,379 --> 00:15:07,918
takes a minimum of twelve dimensions to

323
00:15:06,448 --> 00:15:09,418
be causally free of the

324
00:15:07,918 --> 00:15:12,048
three-dimensional particle in the box

325
00:15:09,418 --> 00:15:16,978
that's like the mirror image of the

326
00:15:12,048 --> 00:15:18,778
under image so you can read so can you

327
00:15:16,979 --> 00:15:21,989
have the ability then to read out the

328
00:15:18,778 --> 00:15:23,639

the clone state in the in the in the

329

00:15:21,989 --> 00:15:26,759

heart in a higher dimensional residence

330

00:15:23,639 --> 00:15:29,369

mode and then this is when the last

331

00:15:26,759 --> 00:15:31,918

remaining problems in quantum computing

332

00:15:29,369 --> 00:15:33,689

Moore's law and never wrong suggests

333

00:15:31,918 --> 00:15:35,489

that we'll have a quantum computer by

334

00:15:33,688 --> 00:15:37,198

about twenty twelve I get that money

335

00:15:35,489 --> 00:15:39,389

that may be the case but it's a phase

336

00:15:37,198 --> 00:15:42,208

change Snell's law put a stick and water

337

00:15:39,389 --> 00:15:44,778

it bends a little bit so that how many

338

00:15:42,208 --> 00:15:46,588

degrees that is from predicting between

339

00:15:44,778 --> 00:15:48,298

2012 and 2015

340

00:15:46,589 --> 00:15:51,689

I have high confidence that that's

341

00:15:48,298 --> 00:15:53,728

possible because of the because of the

342

00:15:51,688 --> 00:15:57,568

innocence simplicity I'm sure there's

343
00:15:53,729 --> 00:16:04,889
some curves of this model so you let me

344
00:15:57,568 --> 00:16:07,649
go back on this let's wait see if it's

345
00:16:04,889 --> 00:16:09,119
also written out okay we'll come back to

346
00:16:07,649 --> 00:16:10,979
it in the current one of the current

347
00:16:09,119 --> 00:16:13,349
drives thinking is is you know the

348
00:16:10,979 --> 00:16:15,959
knowledge wormhole people have said well

349
00:16:13,349 --> 00:16:18,869
that's somewhat in fact impractical as

350
00:16:15,958 --> 00:16:23,638
you need such a large mass I'll caboose

351
00:16:18,869 --> 00:16:28,408
warp drive metric is a beautiful

352
00:16:23,639 --> 00:16:32,759
solution to Einstein's equations space

353
00:16:28,408 --> 00:16:35,578
stretches in wave head of the ship and

354
00:16:32,759 --> 00:16:37,589
contracts behind and then hem as you all

355
00:16:35,578 --> 00:16:39,928
know by now and inhabitants of the warp

356
00:16:37,589 --> 00:16:43,229
bubble travel on a free Paul free fall

357
00:16:39,928 --> 00:16:45,429
geodesic not moving locally at FTL

358
00:16:43,229 --> 00:16:48,220
velocities

359
00:16:45,429 --> 00:16:49,329
I just like this is another if you

360
00:16:48,220 --> 00:16:51,519
diamond but it's just a pretty picture

361
00:16:49,330 --> 00:16:52,090
from Anderson industries their model of

362
00:16:51,519 --> 00:16:54,159
the warp-drive

363
00:16:52,090 --> 00:16:55,840
same thing the negative energy

364
00:16:54,159 --> 00:16:59,230
requirements are supposed to be infinite

365
00:16:55,840 --> 00:17:03,899
and and to do what factors is the same

366
00:16:59,230 --> 00:17:10,509
thing but with the new space-time

367
00:17:03,899 --> 00:17:12,970
transform that allows one to say it's

368
00:17:10,509 --> 00:17:16,359
the array of mini wormholes that fidei

369
00:17:12,970 --> 00:17:18,370
the new matter of this hierarchy that

370
00:17:16,359 --> 00:17:20,979
you're able to cover the world bubble

371

00:17:18,369 --> 00:17:23,859
with and that that again is like that

372
00:17:20,980 --> 00:17:26,740
permanent that high-speed spin where the

373
00:17:23,859 --> 00:17:28,509
air coming out of the holes makes a

374
00:17:26,740 --> 00:17:30,759
frictionless so you're it's that it's a

375
00:17:28,509 --> 00:17:32,529
holographic figure-ground effect if if

376
00:17:30,759 --> 00:17:34,420
the actual Universal misses where my

377
00:17:32,529 --> 00:17:37,960
major postulates you know time will tell

378
00:17:34,420 --> 00:17:41,740
if it's a good one is is a holographic

379
00:17:37,960 --> 00:17:43,840
background we know that already comes

380
00:17:41,740 --> 00:17:46,089
out of that infinite potential and with

381
00:17:43,839 --> 00:17:48,879
the with the new gravity that has

382
00:17:46,089 --> 00:17:51,009
instantaneous connection you lift the we

383
00:17:48,880 --> 00:17:53,890
lift that bottle out of the background

384
00:17:51,009 --> 00:17:55,660
and when you drop it back in it goes

385
00:17:53,890 --> 00:18:00,280

then that's how it advances along the

386

00:17:55,660 --> 00:18:03,269

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

387

00:18:00,279 --> 00:18:05,529

simply in that sense a way of them

388

00:18:03,269 --> 00:18:10,750

manipulating the topology the higher

389

00:18:05,529 --> 00:18:11,920

dimensional topology of space-time the

390

00:18:10,750 --> 00:18:16,980

whole graph of prints were first

391

00:18:11,920 --> 00:18:16,980

proposed by two Hooft i was a very a

392

00:18:17,640 --> 00:18:22,810

maverick extension of the holographic

393

00:18:20,289 --> 00:18:26,589

principle just that they want it to be a

394

00:18:22,809 --> 00:18:32,759

two dimensional information surface of

395

00:18:26,589 --> 00:18:36,279

black hole horizons that i use it now as

396

00:18:32,759 --> 00:18:38,379

a the universe is a hole of a hyper

397

00:18:36,279 --> 00:18:40,899

hologram and we live in a hyper hologram

398

00:18:38,380 --> 00:18:42,460

that's at least twelve dimensions maybe

399

00:18:40,900 --> 00:18:45,820

when you have the infinite number of

400
00:18:42,460 --> 00:18:48,789
nested spheres for for just our Hubble

401
00:18:45,819 --> 00:18:50,679
sphere in its can cast in its embedding

402
00:18:48,789 --> 00:18:52,720
may be to access the lesser than you

403
00:18:50,680 --> 00:18:56,110
maybe need twice that 24 dimensions but

404
00:18:52,720 --> 00:18:57,650
that's also for later so in the infinite

405
00:18:56,109 --> 00:19:01,909
just you have a cute

406
00:18:57,650 --> 00:19:07,190
acute images of how this our reality can

407
00:19:01,910 --> 00:19:12,950
emerge from this infinite potential this

408
00:19:07,190 --> 00:19:15,529
also applies to to consciousness so this

409
00:19:12,950 --> 00:19:16,970
how also digressing for a moment this

410
00:19:15,529 --> 00:19:18,559
same model once you get this

411
00:19:16,970 --> 00:19:21,170
understanding of the vacuum and get all

412
00:19:18,559 --> 00:19:23,929
these things in history is showing it

413
00:19:21,170 --> 00:19:25,910
does they have been theories that we've

414
00:19:23,930 --> 00:19:29,120
had in the past that the correct one has

415
00:19:25,910 --> 00:19:35,450
vast experimental power so this model is

416
00:19:29,119 --> 00:19:37,729
able to explain a lot of things so the

417
00:19:35,450 --> 00:19:39,710
new transform will also break down the

418
00:19:37,730 --> 00:19:42,410
first person third person barrier it's

419
00:19:39,710 --> 00:19:45,529
I'm having still one final piece of

420
00:19:42,410 --> 00:19:48,440
trouble with that because I don't know

421
00:19:45,529 --> 00:19:51,349
in the infinite potential howdy

422
00:19:48,440 --> 00:19:53,180
where where is a person so I can send

423
00:19:51,349 --> 00:19:55,429
the signal I need I need to one further

424
00:19:53,180 --> 00:19:59,360
understanding of the space-time you know

425
00:19:55,430 --> 00:20:03,160
- Ariel - up-down convert but the rest

426
00:19:59,359 --> 00:20:04,279
of it the rest of it is very simple

427
00:20:03,160 --> 00:20:06,680
mathematics

428

00:20:04,279 --> 00:20:09,200
extending the Ron's point or just to use

429
00:20:06,680 --> 00:20:13,990
a triple triple boosts and complex space

430
00:20:09,200 --> 00:20:19,549
and boosting from space - time - energy

431
00:20:13,990 --> 00:20:24,079
and so my radical extension Hubble hyper

432
00:20:19,549 --> 00:20:25,759
hologram duality reality itself the

433
00:20:24,079 --> 00:20:28,159
thing that has not been farted before

434
00:20:25,759 --> 00:20:30,559
because we consider and then only the

435
00:20:28,160 --> 00:20:32,150
microscopic you want to collapse the

436
00:20:30,559 --> 00:20:34,250
wave function that it's happening

437
00:20:32,150 --> 00:20:37,009
something microscopic but I tell you in

438
00:20:34,250 --> 00:20:38,859
this model that reality itself is the

439
00:20:37,009 --> 00:20:41,180
first stage of collapse so we have this

440
00:20:38,859 --> 00:20:44,419
that might be so we have the point

441
00:20:41,180 --> 00:20:47,180
constant at the bottom in the in the

442
00:20:44,420 --> 00:20:49,160

cosmological constant at the BOK top so

443

00:20:47,180 --> 00:20:53,060

this this this wave structure of our

444

00:20:49,160 --> 00:20:56,390

reality is embedded in that embedded in

445

00:20:53,059 --> 00:21:01,399

that this is just the this is the key to

446

00:20:56,390 --> 00:21:03,550

an a very low energy what factor is just

447

00:21:01,400 --> 00:21:05,930

this you're going to switch in this

448

00:21:03,549 --> 00:21:09,480

switch in this caused switch in this

449

00:21:05,930 --> 00:21:15,620

figure ground effect by extending

450

00:21:09,480 --> 00:21:19,288

oops by extending the number of

451

00:21:15,619 --> 00:21:22,048

topological switching distances that you

452

00:21:19,288 --> 00:21:24,119

want to use with a little more power so

453

00:21:22,048 --> 00:21:25,798

that you you increase the work factor

454

00:21:24,119 --> 00:21:27,418

the whole thing of all that gotten

455

00:21:25,798 --> 00:21:29,220

faster the speed while you miss models a

456

00:21:27,419 --> 00:21:32,370

bit of a misnomer although it still

457
00:21:29,220 --> 00:21:33,899
applies because you know - I don't know

458
00:21:32,369 --> 00:21:34,349
how what it would take to be Allah this

459
00:21:33,898 --> 00:21:35,699
moly

460
00:21:34,349 --> 00:21:37,109
as you can see it would predictably

461
00:21:35,700 --> 00:21:39,028
should be I'll have instantaneous travel

462
00:21:37,109 --> 00:21:42,119
if we knew how to once we maybe the

463
00:21:39,028 --> 00:21:46,710
fourth generation or later on it's based

464
00:21:42,119 --> 00:21:49,949
on a new cosmological a new year called

465
00:21:46,710 --> 00:21:52,048
you've heard I think it was Kepler he

466
00:21:49,950 --> 00:21:54,600
first talked who talked about close

467
00:21:52,048 --> 00:21:58,019
packed spheres so there's a least

468
00:21:54,599 --> 00:22:00,359
cosmological unit which is a form of

469
00:21:58,019 --> 00:22:02,399
coalesced pack cosmological sphere

470
00:22:00,359 --> 00:22:04,769
here's where you get into some of the

471
00:22:02,398 --> 00:22:08,129
why this new cosmology is going to take

472
00:22:04,769 --> 00:22:09,808
a little bit of study because well it's

473
00:22:08,130 --> 00:22:11,610
a continuous state cosmology so that's

474
00:22:09,808 --> 00:22:14,460
so in a sense we're already in free fall

475
00:22:11,609 --> 00:22:16,408
and that that would take some is the

476
00:22:14,460 --> 00:22:21,179
many many chapters in that in that book

477
00:22:16,409 --> 00:22:23,039
talk about this where first of all it's

478
00:22:21,179 --> 00:22:25,230
a the cold graphic ahead of multiverse

479
00:22:23,038 --> 00:22:30,720
is an advanced form of Einstein static

480
00:22:25,230 --> 00:22:34,769
universe but it's just these sulfated

481
00:22:30,720 --> 00:22:36,149
yeah busy is a hobby all real symmetries

482
00:22:34,769 --> 00:22:38,429
Kalyan manifolds is if there's an

483
00:22:36,148 --> 00:22:43,469
infinite number of possibilities for

484
00:22:38,429 --> 00:22:46,950
them so you know it's easy to stick with

485

00:22:43,470 --> 00:22:49,889
them so crane is matter which I extended

486
00:22:46,950 --> 00:22:52,740
to cosmology he would then talk about

487
00:22:49,888 --> 00:22:56,359
the static vacuum and so you would have

488
00:22:52,740 --> 00:22:59,308
a mirror symmetry of duality between the

489
00:22:56,359 --> 00:23:01,829
caveat manifolds for one one would then

490
00:22:59,308 --> 00:23:04,349
like be the future in the past and we'll

491
00:23:01,829 --> 00:23:06,658
we'll get up to that again in a minute

492
00:23:04,349 --> 00:23:08,038
so these string theorists have been

493
00:23:06,659 --> 00:23:10,250
looking for a unique compactification

494
00:23:08,038 --> 00:23:13,558
some look for a four-dimensional compact

495
00:23:10,250 --> 00:23:16,798
11968 that's a mistake

496
00:23:13,558 --> 00:23:18,899
what in the continuous state one all the

497
00:23:16,798 --> 00:23:20,759
complications is a continuous state

498
00:23:18,900 --> 00:23:24,750
all of them they go from all to even

499
00:23:20,759 --> 00:23:27,480

dimensions down the down them from grams

500

00:23:24,750 --> 00:23:31,079

down to the steering to a zero point and

501

00:23:27,480 --> 00:23:33,599

it's like a Riemann sphere that flips

502

00:23:31,079 --> 00:23:37,730

from 0 to infinity and it's called a

503

00:23:33,599 --> 00:23:41,879

written vertex and so you get a

504

00:23:37,730 --> 00:23:44,490

continuous dimensional reduction spin

505

00:23:41,880 --> 00:23:46,680

exchange compactification dimensional

506

00:23:44,490 --> 00:23:48,839

reduction which is this part of so this

507

00:23:46,680 --> 00:23:51,720

is this whole geometric topological

508

00:23:48,839 --> 00:23:53,579

thing background that allows the

509

00:23:51,720 --> 00:23:55,470

holographic multiverse to have these

510

00:23:53,579 --> 00:23:59,159

properties of an infinite potential and

511

00:23:55,470 --> 00:24:02,970

for us to be able to use it to do the

512

00:23:59,160 --> 00:24:05,279

warp drive as just a simple topological

513

00:24:02,970 --> 00:24:07,589

slippage switching I say you simple and

514
00:24:05,279 --> 00:24:10,619
it's kind of a joke but in in a sense

515
00:24:07,589 --> 00:24:15,750
it's simpler than the other ways and use

516
00:24:10,619 --> 00:24:19,439
in them and use less energy because you

517
00:24:15,750 --> 00:24:21,569
can program the back the vacuum to to in

518
00:24:19,440 --> 00:24:25,230
the new transfer form because you get

519
00:24:21,569 --> 00:24:27,329
the what and not the the Tachyon things

520
00:24:25,230 --> 00:24:29,309
but you feel constructive if there's

521
00:24:27,329 --> 00:24:30,779
standing water you get ripped as if you

522
00:24:29,309 --> 00:24:32,789
had this happen when you get here's a

523
00:24:30,779 --> 00:24:34,740
constructive interference and

524
00:24:32,789 --> 00:24:36,210
destructive interference so it's it's

525
00:24:34,740 --> 00:24:40,620
that kind of the Morpho you're going to

526
00:24:36,210 --> 00:24:43,740
be able to to coherently control instead

527
00:24:40,619 --> 00:24:47,129
of instead of space-time left alone

528

00:24:43,740 --> 00:24:51,059
coming back to its sting wave of the

529

00:24:47,130 --> 00:24:53,130
future past in when in its place where

530

00:24:51,059 --> 00:24:55,740
you'd be if left alone when you probaly

531

00:24:53,130 --> 00:24:59,220
mess with it and it's just going to fall

532

00:24:55,740 --> 00:25:02,279
back back into a dandelion placed toward

533

00:24:59,220 --> 00:25:05,370
your alpha cemetery or wherever you're

534

00:25:02,279 --> 00:25:09,690
trying to go just a little metaphor for

535

00:25:05,369 --> 00:25:11,279
a continuous state and again the

536

00:25:09,690 --> 00:25:13,950
president is a standing wave of the

537

00:25:11,279 --> 00:25:15,599
future past if those of you don't know

538

00:25:13,950 --> 00:25:17,400
anything about Cramer it's it's a

539

00:25:15,599 --> 00:25:19,919
beautiful thing to read anyway it's just

540

00:25:17,400 --> 00:25:23,880
a wonderful you an author wave is sent

541

00:25:19,920 --> 00:25:27,060
back and sent out and you get a return

542

00:25:23,880 --> 00:25:28,509
way which ends in a confirmation way

543
00:25:27,059 --> 00:25:30,759
which ends in a

544
00:25:28,509 --> 00:25:33,759
in a transaction which is like a

545
00:25:30,759 --> 00:25:37,929
standing wave and part of the thing that

546
00:25:33,759 --> 00:25:39,489
supports Mike col.caf atmosphere and

547
00:25:37,929 --> 00:25:41,320
variance is the Kramer says all the

548
00:25:39,489 --> 00:25:44,379
off-diagonal elements are physically

549
00:25:41,319 --> 00:25:47,229
real so that it all ties in is just a

550
00:25:44,378 --> 00:25:50,558
whole lot of little pieces that that

551
00:25:47,229 --> 00:25:52,989
give them credibility to this to this

552
00:25:50,558 --> 00:25:55,898
model here's a metaphor for the

553
00:25:52,989 --> 00:26:00,548
dimensional reduction only up to four

554
00:25:55,898 --> 00:26:02,288
dimensions but it it has to go through

555
00:26:00,548 --> 00:26:07,148
twelve mentions so you'd have in a sense

556
00:26:02,288 --> 00:26:09,699

a regular Minkowski space with a past

557

00:26:07,148 --> 00:26:15,868

one and a future one that allow it to do

558

00:26:09,699 --> 00:26:19,629

its standing wave properties currently

559

00:26:15,868 --> 00:26:21,848

for most physicists and cosmologists the

560

00:26:19,628 --> 00:26:25,358

universe ends at Planck it's a rigid

561

00:26:21,848 --> 00:26:27,278

impenetrable barrier we is but we used

562

00:26:25,358 --> 00:26:28,928

to live in a Newtonian universe now most

563

00:26:27,278 --> 00:26:32,048

physicists say we live in a quantum

564

00:26:28,929 --> 00:26:34,749

universe so I suppose by that when they

565

00:26:32,048 --> 00:26:38,679

discover the unified field we'll live in

566

00:26:34,749 --> 00:26:40,088

some kind of a unified universe but in

567

00:26:38,679 --> 00:26:41,499

this continuous state model that's

568

00:26:40,088 --> 00:26:43,568

that's not a teeter we live in a

569

00:26:41,499 --> 00:26:46,749

continuous transform from form from

570

00:26:43,568 --> 00:26:49,719

cosplay the quantum to unitary and it's

571
00:26:46,749 --> 00:26:53,108
it's the EF I'd feel that runs this this

572
00:26:49,719 --> 00:26:55,119
hall our big structure so here's here's

573
00:26:53,108 --> 00:26:58,058
my metaphor for at least cosmological

574
00:26:55,118 --> 00:27:00,698
unit one one unit like this really

575
00:26:58,058 --> 00:27:02,769
couldn't exist in there separated be

576
00:27:00,699 --> 00:27:05,169
like a cork here's the step of the rigid

577
00:27:02,769 --> 00:27:08,979
barrier this is the written vertex which

578
00:27:05,169 --> 00:27:11,229
is like an Ising model would flips flips

579
00:27:08,979 --> 00:27:13,659
when it mr. Musil it flips back again

580
00:27:11,229 --> 00:27:15,298
from 0 to infinity so that's why I had a

581
00:27:13,659 --> 00:27:18,489
continuous state become conf

582
00:27:15,298 --> 00:27:21,729
conservation of energy and that and

583
00:27:18,489 --> 00:27:22,579
Lasser has in physics they really look

584
00:27:21,729 --> 00:27:24,919
for those it

585
00:27:22,579 --> 00:27:26,990
it is a particle and sometimes a few so

586
00:27:24,919 --> 00:27:30,169
it's a radical but the real thing is its

587
00:27:26,990 --> 00:27:31,759
it is the the properties the whatever it

588
00:27:30,169 --> 00:27:35,179
is it has both properties simultaneously

589
00:27:31,759 --> 00:27:37,669
and this in a sense has some of that is

590
00:27:35,179 --> 00:27:40,640
the kind of the field and here's kind of

591
00:27:37,669 --> 00:27:43,370
the particle the barrier so and it's

592
00:27:40,640 --> 00:27:44,480
this if you can imagine standing in the

593
00:27:43,369 --> 00:27:47,959
center of the room

594
00:27:44,480 --> 00:27:50,750
with the four walls but in each corner

595
00:27:47,960 --> 00:27:52,970
there are some large mirrors so you

596
00:27:50,750 --> 00:27:55,669
could look into infinity in those corner

597
00:27:52,970 --> 00:27:57,620
mirrors and you would see you would see

598
00:27:55,669 --> 00:27:59,929
yourself in the back and Parliament

599

00:27:57,619 --> 00:28:01,609
colombiano symmetry I didn't notice this

600
00:27:59,929 --> 00:28:03,350
until recently but in the first one you

601
00:28:01,609 --> 00:28:05,240
see your face for the next when you see

602
00:28:03,349 --> 00:28:09,469
the back of your head so there's a not

603
00:28:05,240 --> 00:28:11,929
even symmetry to that but it's that so

604
00:28:09,470 --> 00:28:14,538
now here's one of the major points to

605
00:28:11,929 --> 00:28:16,870
run to violate the corner men certainly

606
00:28:14,538 --> 00:28:22,490
are the Wellness this vacuum you use a

607
00:28:16,869 --> 00:28:26,509
use a system of resonances where you so

608
00:28:22,490 --> 00:28:28,730
as this the spatial dimension or the

609
00:28:26,509 --> 00:28:31,879
particular part of it you know so if you

610
00:28:28,730 --> 00:28:33,919
look if you look straight into the

611
00:28:31,880 --> 00:28:35,899
mirror you're blocked you know you can't

612
00:28:33,919 --> 00:28:37,220
that's kind of a sense of synonymous of

613
00:28:35,898 --> 00:28:38,449

a quantum uncertainty principle you

614

00:28:37,220 --> 00:28:40,819

can't see the rest though you can't

615

00:28:38,450 --> 00:28:43,610

access anything you do to that image

616

00:28:40,819 --> 00:28:48,168

it's is blocked but because of this

617

00:28:43,609 --> 00:28:51,168

continuous state metaphor where the

618

00:28:48,169 --> 00:28:53,860

image it's like a movie theater in

619

00:28:51,169 --> 00:28:56,240

metaphor you're you're sitting in the

620

00:28:53,859 --> 00:28:58,479

projection of the asleep thank Friends

621

00:28:56,240 --> 00:29:04,058

of film but up and up squeeze the

622

00:28:58,480 --> 00:29:08,630

continuous fun model of reality and

623

00:29:04,058 --> 00:29:12,740

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

624

00:29:08,630 --> 00:29:16,970

you so as the phase cycles there's these

625

00:29:12,740 --> 00:29:20,538

gaps and instead of using the continuous

626

00:29:16,970 --> 00:29:23,149

feel that we quantize space with we use

627

00:29:20,538 --> 00:29:26,509

what's in cursive resonant oscillator so

628
00:29:23,148 --> 00:29:28,129
that the year time segment is shortened

629
00:29:26,509 --> 00:29:32,869
so you have a gap in between the

630
00:29:28,130 --> 00:29:33,890
creation of the of the of the space-time

631
00:29:32,869 --> 00:29:35,808
present

632
00:29:33,890 --> 00:29:39,280
so you can shoot your laser up through

633
00:29:35,808 --> 00:29:42,769
those gaps through this hierarchy and

634
00:29:39,279 --> 00:29:45,230
use that to manipulate the topological

635
00:29:42,769 --> 00:29:47,058
structure it's very and it's very

636
00:29:45,230 --> 00:29:49,819
amenable to this called programming

637
00:29:47,058 --> 00:29:53,839
programming the vacuum so to run the

638
00:29:49,819 --> 00:29:55,970
spaceship you would have a you know like

639
00:29:53,839 --> 00:29:58,250
the music using radio though the two

640
00:29:55,970 --> 00:30:00,440
signals embedded in each other at

641
00:29:58,250 --> 00:30:04,519
modulation you would one part of the

642
00:30:00,440 --> 00:30:09,200
signal would create the by the

643
00:30:04,519 --> 00:30:11,418
constructor is a coherence length etc

644
00:30:09,200 --> 00:30:15,558
the coherence length to the done size

645
00:30:11,419 --> 00:30:20,120
that you wanted metal parts as those

646
00:30:15,558 --> 00:30:22,490
least units which would create one

647
00:30:20,119 --> 00:30:24,739
factor than to create the the Raven has

648
00:30:22,490 --> 00:30:28,460
at cover the dome and then another one

649
00:30:24,740 --> 00:30:30,769
to learn to bend the Aqua bear metric

650
00:30:28,460 --> 00:30:33,590
and another one to be the topological

651
00:30:30,769 --> 00:30:36,349
switching so it's it would be a complex

652
00:30:33,589 --> 00:30:41,259
and resident hierarchy to run this drive

653
00:30:36,349 --> 00:30:44,089
but that that can all be worked out

654
00:30:41,259 --> 00:30:46,970
again just a metaphor for our reality

655
00:30:44,089 --> 00:30:49,490
coming out of the holographic not long

656

00:30:46,970 --> 00:30:51,380
ago 30 years ago does this is how they

657
00:30:49,490 --> 00:30:54,169
looked at those extra dimensions is

658
00:30:51,380 --> 00:30:58,630
curled up those spheres and now they've

659
00:30:54,169 --> 00:31:01,220
turned into these claw be all manifolds

660
00:30:58,630 --> 00:31:05,590
at least six dimensional more so you

661
00:31:01,220 --> 00:31:09,140
have the other thing that aids in this

662
00:31:05,589 --> 00:31:11,659
the variable talked about the pilot

663
00:31:09,140 --> 00:31:13,790
relative the quantum potential

664
00:31:11,660 --> 00:31:16,429
so the first step off you have a

665
00:31:13,789 --> 00:31:17,589
superior corn potential but then after

666
00:31:16,429 --> 00:31:21,410
when you get up to the unified field

667
00:31:17,589 --> 00:31:23,629
that that governs it's also a governing

668
00:31:21,410 --> 00:31:25,308
factor so though the top three

669
00:31:23,630 --> 00:31:27,110
dimensions are probably just the the

670
00:31:25,308 --> 00:31:30,950

controlling field that keeps this all

671

00:31:27,109 --> 00:31:34,189

symmetric as a but the key point that I

672

00:31:30,950 --> 00:31:36,259

wanna make is what is these lower our

673

00:31:34,190 --> 00:31:41,509

reality this space time and energy as

674

00:31:36,259 --> 00:31:44,289

they are built so then one more thing if

675

00:31:41,509 --> 00:31:46,629

this helps be in Copenhagen

676

00:31:44,289 --> 00:31:49,379

is created at the Big Bang protons and

677

00:31:46,630 --> 00:31:52,780

the building binary ways in the back a

678

00:31:49,380 --> 00:31:54,970

proton is created an already created not

679

00:31:52,779 --> 00:31:58,299

even created so how does this wave

680

00:31:54,970 --> 00:32:00,850

structure of matter and the reality it's

681

00:31:58,299 --> 00:32:03,069

hard to grasp at first it is the first

682

00:32:00,849 --> 00:32:07,629

time you hear that I reality could be so

683

00:32:03,069 --> 00:32:09,279

virtual but again the whole list of

684

00:32:07,630 --> 00:32:10,780

things that be able to solve the fusing

685
00:32:09,279 --> 00:32:12,579
this Maya seems to indicate that it

686
00:32:10,779 --> 00:32:17,200
could be true and if once I can do the

687
00:32:12,579 --> 00:32:20,049
expend and that start to previous that

688
00:32:17,200 --> 00:32:23,049
would be a good indicator again just

689
00:32:20,049 --> 00:32:28,539
other modes of the space-time metric to

690
00:32:23,049 --> 00:32:32,349
show how these are from a mainstream

691
00:32:28,539 --> 00:32:33,849
theory book by Green and I think ones

692
00:32:32,349 --> 00:32:36,759
from the encyclopedia of physics that

693
00:32:33,849 --> 00:32:40,329
show how these topological things from

694
00:32:36,759 --> 00:32:43,029
from a vacuum structure so as I've tried

695
00:32:40,329 --> 00:32:47,740
to mention the there's a leapfrog in a

696
00:32:43,029 --> 00:32:50,200
field end point it's not we don't go all

697
00:32:47,740 --> 00:32:52,900
the way down to plank because it in this

698
00:32:50,200 --> 00:32:55,809
model because about the the I see a

699
00:32:52,900 --> 00:32:59,440
written flip happens before that word

700
00:32:55,809 --> 00:33:03,159
because Bachelor is now so we get to get

701
00:32:59,440 --> 00:33:06,370
a whole year idea what the what the

702
00:33:03,160 --> 00:33:08,560
sweet what the sweetness means mrs. it

703
00:33:06,369 --> 00:33:10,989
snips this is again another metaphor for

704
00:33:08,559 --> 00:33:13,899
that this is the euclidean president you

705
00:33:10,990 --> 00:33:16,029
have our complex space for the past and

706
00:33:13,900 --> 00:33:18,880
a complex space for the for the future

707
00:33:16,029 --> 00:33:19,829
that advanced retarded that make the

708
00:33:18,880 --> 00:33:22,780
thing all run

709
00:33:19,829 --> 00:33:25,419
this is part of just a metaphor for the

710
00:33:22,779 --> 00:33:29,649
hierarchy to n to set up the laser

711
00:33:25,420 --> 00:33:31,900
resonances they along along these line

712
00:33:29,650 --> 00:33:34,240
this this would just be one so alaman

713

00:33:31,900 --> 00:33:36,820
alaman cuss P one where that you'd

714
00:33:34,240 --> 00:33:39,309
actually have on you'd actually with the

715
00:33:36,819 --> 00:33:44,139
Future past you'd actually have had to

716
00:33:39,309 --> 00:33:47,019
them as I mentioned space - time -

717
00:33:44,140 --> 00:33:52,240
energy as part of this new analytic

718
00:33:47,019 --> 00:33:55,309
transformation and I mentioned also goes

719
00:33:52,240 --> 00:33:59,960
from classical requirements

720
00:33:55,309 --> 00:34:03,079
these are very important key elements to

721
00:33:59,960 --> 00:34:05,400
have as part of this the way this

722
00:34:03,079 --> 00:34:11,159
cosmology operates in its continuous

723
00:34:05,400 --> 00:34:13,530
state modes and I was able to do all a

724
00:34:11,159 --> 00:34:16,319
very simple equation in its own expanded

725
00:34:13,530 --> 00:34:17,760
form this I derived this out of string

726
00:34:16,320 --> 00:34:19,430
theorists say there's ten to the

727
00:34:17,760 --> 00:34:21,780

thousand or ten to the Googleplex

728

00:34:19,429 --> 00:34:22,949

possibilities for a string vacuum this

729

00:34:21,780 --> 00:34:25,310

was the only other things that fell out

730

00:34:22,949 --> 00:34:28,889

of this model one unique string vacuum

731

00:34:25,309 --> 00:34:30,960

this is a very simple equation energy or

732

00:34:28,889 --> 00:34:33,809

the rotational alias that will that

733

00:34:30,960 --> 00:34:36,409

allows one to program this is again just

734

00:34:33,809 --> 00:34:40,139

an experiment form of the equation and

735

00:34:36,409 --> 00:34:41,489

who effects the topology you can see so

736

00:34:40,139 --> 00:34:44,460

the energy is going to switch to the

737

00:34:41,489 --> 00:34:47,579

radius because it's not in the way

738

00:34:44,460 --> 00:34:50,550

particle pilot it's not a real barrier

739

00:34:47,579 --> 00:34:56,009

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

740

00:34:50,550 --> 00:34:57,720

we send a signal and radio signals to

741

00:34:56,010 --> 00:34:59,130

say the verifier just having them all

742
00:34:57,719 --> 00:35:02,399
kids be there it's enough to make a

743
00:34:59,130 --> 00:35:07,050
barrier to some television radio signals

744
00:35:02,400 --> 00:35:11,910
so that it's it's a domain wall and

745
00:35:07,050 --> 00:35:16,860
here's here's the part about the end the

746
00:35:11,909 --> 00:35:19,109
twelve dimensions going Heisey this is

747
00:35:16,860 --> 00:35:20,910
the singular point from the twelve

748
00:35:19,110 --> 00:35:24,870
dimension this is kind of out of string

749
00:35:20,909 --> 00:35:26,879
theory oh well I forgot is that fuel

750
00:35:24,869 --> 00:35:29,909
equation that I developed takes the same

751
00:35:26,880 --> 00:35:32,130
form as the as this equation force to

752
00:35:29,909 --> 00:35:36,089
attention which was one of the things

753
00:35:32,130 --> 00:35:40,170
that made it become promising so we have

754
00:35:36,090 --> 00:35:42,329
up the large scale student attention at

755
00:35:40,170 --> 00:35:46,320
the cosmological constant and then and

756
00:35:42,329 --> 00:35:48,239
then the small one for the Planck size

757
00:35:46,320 --> 00:35:51,330
diameter this is just how the dimensions

758
00:35:48,239 --> 00:35:54,059
continuously compact another metaphor

759
00:35:51,329 --> 00:35:55,949
they they go out they go there that with

760
00:35:54,059 --> 00:35:59,009
the caveat mirror symmetry they go back

761
00:35:55,949 --> 00:36:01,769
and forth I know I'm not making us very

762
00:35:59,010 --> 00:36:02,770
clear that it's this structure that

763
00:36:01,769 --> 00:36:05,019
allows one to

764
00:36:02,769 --> 00:36:07,389
program space-time through these

765
00:36:05,019 --> 00:36:10,119
resonance modes because you is just it

766
00:36:07,389 --> 00:36:13,000
becomes just a simple timing when when

767
00:36:10,119 --> 00:36:16,779
they'd say at the particular or the

768
00:36:13,000 --> 00:36:19,179
barrier part that's either your Sigma

769
00:36:16,780 --> 00:36:20,710
can bounce off it does one thing in bet

770

00:36:19,179 --> 00:36:22,269
then when the hole is open through a

771
00:36:20,710 --> 00:36:24,550
field part that's where you can go up to

772
00:36:22,269 --> 00:36:28,559
the next level in the resonance

773
00:36:24,550 --> 00:36:33,760
hierarchy and this is just to show where

774
00:36:28,559 --> 00:36:36,279
this is a standard then picture of those

775
00:36:33,760 --> 00:36:38,620
present status of string theory they had

776
00:36:36,280 --> 00:36:42,160
the five years or six days and they now

777
00:36:38,619 --> 00:36:44,440
call it M theory and it's cast in 11

778
00:36:42,159 --> 00:36:46,269
dimensions I finish it off with 12

779
00:36:44,440 --> 00:36:49,230
dimensions because there's this

780
00:36:46,269 --> 00:36:54,369
anthropic principle which drives it as a

781
00:36:49,230 --> 00:36:56,829
complex system in only for the Hubble

782
00:36:54,369 --> 00:36:59,019
pilot in in this model if you went out

783
00:36:56,829 --> 00:37:06,279
to a how the radius you'd be able to see

784
00:36:59,019 --> 00:37:13,809

a matter how the radius let's see if

785

00:37:06,280 --> 00:37:15,670

there's anything else that again so they

786

00:37:13,809 --> 00:37:18,309

this back of this infinite potential the

787

00:37:15,670 --> 00:37:19,630

background it has all all of the gems

788

00:37:18,309 --> 00:37:22,329

you've all particle is going to be able

789

00:37:19,630 --> 00:37:25,090

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

790

00:37:22,329 --> 00:37:28,179

area equation how to describe the whole

791

00:37:25,090 --> 00:37:34,140

my holographic anthropic model a unique

792

00:37:28,179 --> 00:37:34,139

vacuum some other

793

00:37:36,320 --> 00:37:44,059

I guess another metaphor for the an

794

00:37:42,170 --> 00:37:47,240

image of the neurotic field equation how

795

00:37:44,059 --> 00:37:49,039

its able to manipulate the topology as

796

00:37:47,239 --> 00:37:51,169

it is undergoing all that those

797

00:37:49,039 --> 00:37:55,070

processes and this is this is one of

798

00:37:51,170 --> 00:37:57,050

their key elements to breaks through

799

00:37:55,070 --> 00:37:59,240
space quantization and violate the

800

00:37:57,050 --> 00:38:01,880
quantum uncertainty principle using

801

00:37:59,239 --> 00:38:05,089
cursive oscillator so when you're doing

802

00:38:01,880 --> 00:38:07,309
your boosts and you don't allow the

803

00:38:05,090 --> 00:38:08,840
space quantization to be the rigid

804

00:38:07,309 --> 00:38:13,250
barrier with with the in cursive

805

00:38:08,840 --> 00:38:17,870
oscillator you can you can adjust delta

806

00:38:13,250 --> 00:38:20,329
 $t/2$ to have different sized hole for

807

00:38:17,869 --> 00:38:25,039
your resonances another model there met

808

00:38:20,329 --> 00:38:26,509
a model of reality how you know it all

809

00:38:25,039 --> 00:38:30,829
relates to conjure that I'll become the

810

00:38:26,510 --> 00:38:32,900
same thing the awareness another this

811

00:38:30,829 --> 00:38:36,829
meta model of the standing wave future

812

00:38:32,900 --> 00:38:40,180
past here you can this one is a little

813
00:38:36,829 --> 00:38:43,190
bit good for covering it with wormholes

814
00:38:40,179 --> 00:38:44,980
this is again how you ramp up the

815
00:38:43,190 --> 00:38:47,440
residents Hart is

816
00:38:44,980 --> 00:38:50,090
well it's interesting to do is you have

817
00:38:47,440 --> 00:38:52,909
you had a principle of physics that's

818
00:38:50,090 --> 00:38:56,660
used for something else and it applies

819
00:38:52,909 --> 00:38:59,089
to this this is a metaphor as far as

820
00:38:56,659 --> 00:39:03,019
I've gotten on their new transform where

821
00:38:59,090 --> 00:39:04,940
you you start out in regular Euclidean

822
00:39:03,019 --> 00:39:08,269
space part of this memory is reversed

823
00:39:04,940 --> 00:39:10,490
and then you it's a tooth it's a mirror

824
00:39:08,269 --> 00:39:14,090
symmetry of the to double D so Triple D

825
00:39:10,489 --> 00:39:16,309
so you're going to this this saying

826
00:39:14,090 --> 00:39:19,820
malloc transform that you will let allow

827

00:39:16,309 --> 00:39:22,750
you to run the run the warp drive is the

828
00:39:19,820 --> 00:39:25,910
same one that will allow us to develop

829
00:39:22,750 --> 00:39:30,980
ESP machines because it will once once

830
00:39:25,909 --> 00:39:32,569
we figure out how to them say where the

831
00:39:30,980 --> 00:39:36,320
person is we will be able to send a

832
00:39:32,570 --> 00:39:39,880
signal when one more quick thing it's

833
00:39:36,320 --> 00:39:43,640
this space-time exit Plex that allows

834
00:39:39,880 --> 00:39:46,789
the programming and this is also in the

835
00:39:43,639 --> 00:39:47,409
book and I guess I'd better this is part

836
00:39:46,789 --> 00:39:50,079
of the

837
00:39:47,409 --> 00:39:52,389
a metaphor for the programming the

838
00:39:50,079 --> 00:39:55,210
hierarchy you start with the classical

839
00:39:52,389 --> 00:40:00,269
oscillators then you go down to incur

840
00:39:55,210 --> 00:40:04,389
some oscillator which allows you to and

841
00:40:00,269 --> 00:40:07,059

then you know it will rely on a spheroid

842

00:40:04,389 --> 00:40:10,239

of the regular talk--i Mac reactor won't

843

00:40:07,059 --> 00:40:12,730

do it without just a fairly low amount

844

00:40:10,239 --> 00:40:16,179

of resources to connect reactor program

845

00:40:12,730 --> 00:40:17,920

with all of these this huge array of

846

00:40:16,179 --> 00:40:22,960

things I tried to explain very briefly

847

00:40:17,920 --> 00:40:30,849

will will allow for the drive to operate

848

00:40:22,960 --> 00:40:40,838

thank you much Richard we have time for

849

00:40:30,849 --> 00:40:43,480

two brief questions I wonder if you

850

00:40:40,838 --> 00:40:46,088

could explain a little bit more on one

851

00:40:43,480 --> 00:40:49,358

of the early introductory points you

852

00:40:46,088 --> 00:40:52,000

mentioned this new noetic transform that

853

00:40:49,358 --> 00:40:55,750

involves boosting along all three axes

854

00:40:52,000 --> 00:40:57,579

but as a physicist frankly I don't

855

00:40:55,750 --> 00:41:00,329

understand what it means to post along

856
00:40:57,579 --> 00:41:03,160
multiple axes simultaneously any any

857
00:41:00,329 --> 00:41:05,079
combination of vectors is simply another

858
00:41:03,159 --> 00:41:08,409
vector that has a particular direction

859
00:41:05,079 --> 00:41:10,900
the x y&z axes are just mathematical

860
00:41:08,409 --> 00:41:13,960
constructs with no physical meaning yeah

861
00:41:10,900 --> 00:41:16,630
take me a bit to today know radius ly

862
00:41:13,960 --> 00:41:18,519
like you wanted me to but the only way

863
00:41:16,630 --> 00:41:20,740
that it works is because you're using a

864
00:41:18,519 --> 00:41:25,449
twelve dimensional space-time and you're

865
00:41:20,739 --> 00:41:29,769
coupling into these processes that are

866
00:41:25,449 --> 00:41:34,328
there going on but the one of the key

867
00:41:29,769 --> 00:41:37,358
points to to be aware of is that that is

868
00:41:34,329 --> 00:41:39,730
already all going on as as we're

869
00:41:37,358 --> 00:41:43,179
embedded in and made out of these

870
00:41:39,730 --> 00:41:46,358
materials for the observer so you have

871
00:41:43,179 --> 00:41:50,019
to uncouple to uncouple that that felt

872
00:41:46,358 --> 00:41:50,789
part of our life you know i postulated

873
00:41:50,019 --> 00:41:53,400
along the

874
00:41:50,789 --> 00:41:55,110
life-principle the thought transformers

875
00:41:53,400 --> 00:41:56,700
is already in the continuous state

876
00:41:55,110 --> 00:41:58,230
process that transform is already

877
00:41:56,699 --> 00:42:00,719
operating the background all by itself

878
00:41:58,230 --> 00:42:03,780
so in a sense all we have to do you

879
00:42:00,719 --> 00:42:05,730
meditate you get a revelation from God

880
00:42:03,780 --> 00:42:08,010
or clairvoyant experience you've somehow

881
00:42:05,730 --> 00:42:11,070
uncoupled send yourself and gone up to

882
00:42:08,010 --> 00:42:13,950
that domain that all the occurs so

883
00:42:11,070 --> 00:42:18,180
another now to try to describe it it's

884

00:42:13,949 --> 00:42:19,799
in it's in doing it within itself all of

885
00:42:18,179 --> 00:42:21,480
the dimension have to be used so if it's

886
00:42:19,800 --> 00:42:23,220
a stationary instead of that you know

887
00:42:21,480 --> 00:42:25,800
like you're having a particle off along

888
00:42:23,219 --> 00:42:28,109
the XS that x-axis it's it's not a

889
00:42:25,800 --> 00:42:30,570
stationary boost where you you just

890
00:42:28,110 --> 00:42:32,849
couple in couple to in boost each of

891
00:42:30,570 --> 00:42:35,190
those units are there and want to carry

892
00:42:32,849 --> 00:42:40,489
that coupling point of your awareness or

893
00:42:35,190 --> 00:42:43,889
of these other elements into the into a

894
00:42:40,489 --> 00:42:45,449
regime that's it so instead of you could

895
00:42:43,889 --> 00:42:46,679
say little photo you could

896
00:42:45,449 --> 00:42:49,049
circumnavigate the university without

897
00:42:46,679 --> 00:42:51,109
the passage of time that regime is

898
00:42:49,050 --> 00:42:53,820

already there so I'm working on this

899

00:42:51,110 --> 00:42:56,280

transform to describe that I don't know

900

00:42:53,820 --> 00:42:58,080

if that's a help I think for the poses

901

00:42:56,280 --> 00:43:00,990

of this us imposing this probably all I

902

00:42:58,079 --> 00:43:03,920

can say about it okay thank you

903

00:43:00,989 --> 00:43:03,919

again Richard