

SK≡PTIKO
science & spirituality

IS AI EVIL?

#520-DOUG-MATZKE



1
00:00:02,550 --> 00:00:01,189
i'm placing you under arrest for the

2
00:00:03,750 --> 00:00:02,560
future murder of sarah marks give the

3
00:00:05,110 --> 00:00:03,760
man a hand

4
00:00:08,310 --> 00:00:05,120
the future

5
00:00:13,990 --> 00:00:10,629
that's a short clip from the now almost

6
00:00:16,470 --> 00:00:14,000
20 year old movie minority report about

7
00:00:19,269 --> 00:00:16,480
a future where computers determine the

8
00:00:22,150 --> 00:00:19,279
guilt or innocence of people based on

9
00:00:24,150 --> 00:00:22,160
what they are likely to do in the future

10
00:00:26,710 --> 00:00:24,160
and even if you've never seen this movie

11
00:00:29,189 --> 00:00:26,720
i think you've probably heard this meme

12
00:00:31,029 --> 00:00:29,199
pop up more and more especially lately

13
00:00:33,430 --> 00:00:31,039

as there's all this advanced technology

14

00:00:34,229 --> 00:00:33,440

with a facial recognition software that

15

00:00:36,389 --> 00:00:34,239

can

16

00:00:37,590 --> 00:00:36,399

actually work better than the best lie

17

00:00:40,549 --> 00:00:37,600

detector

18

00:00:43,110 --> 00:00:40,559

there's also all sorts of predictive ai

19

00:00:46,630 --> 00:00:43,120

stuff that's sounding more and more like

20

00:00:48,470 --> 00:00:46,640

this minority report our strong ai

21

00:00:50,869 --> 00:00:48,480

learning machines will know what you're

22

00:00:51,990 --> 00:00:50,879

going to do before you do it kind of

23

00:00:53,590 --> 00:00:52,000

stuff

24

00:00:56,150 --> 00:00:53,600

and if you remember the last episode of

25

00:00:58,790 --> 00:00:56,160

skeptical you will see a strong

26
00:01:02,229 --> 00:00:58,800
connection with what we were exploring

27
00:01:04,469 --> 00:01:02,239
with ai expert andrew smart who works at

28
00:01:10,710 --> 00:01:04,479
google and is right in the middle of a

29
00:01:14,950 --> 00:01:12,390
of course the movie minority report

30
00:01:17,670 --> 00:01:14,960
starred tom cruise from the scientology

31
00:01:20,950 --> 00:01:17,680
mind control club and was directed by

32
00:01:23,990 --> 00:01:20,960
steven spielberg who if you're into this

33
00:01:27,030 --> 00:01:24,000
kind of stuff is known to screen

34
00:01:29,990 --> 00:01:27,040
ufo slash et movies for presidents and

35
00:01:32,950 --> 00:01:30,000
certainly seems very plugged into a lot

36
00:01:34,950 --> 00:01:32,960
of culture shaping movies

37
00:01:37,350 --> 00:01:34,960
but beyond all that this clip is

38
00:01:40,310 --> 00:01:37,360

particularly relevant to today's

39

00:01:42,550 --> 00:01:40,320

interview with the very excellent dr

40

00:01:44,550 --> 00:01:42,560

doug matzke if you remember doug from

41

00:01:47,910 --> 00:01:44,560

the last time he's on skeptico he has a

42

00:01:50,710 --> 00:01:47,920

phd in quantum computing and he's really

43

00:01:53,270 --> 00:01:50,720

smart about all this ai machine learning

44

00:01:55,270 --> 00:01:53,280

quantum computing stuff and even though

45

00:01:57,749 --> 00:01:55,280

doug and i don't see everything the same

46

00:02:00,550 --> 00:01:57,759

way as you'll hear in this clip

47

00:02:02,870 --> 00:02:00,560

i see a common theme from you about

48

00:02:03,830 --> 00:02:02,880

people abusing their technology and

49

00:02:05,990 --> 00:02:03,840

power

50

00:02:08,630 --> 00:02:06,000

you know and so i think that's part of

51
00:02:11,350 --> 00:02:08,640
your concern about the big companies who

52
00:02:13,589 --> 00:02:11,360
have control over the many facets of our

53
00:02:15,190 --> 00:02:13,599
life you know the microsofts and the

54
00:02:17,910 --> 00:02:15,200
googles so the question is how do we

55
00:02:19,750 --> 00:02:17,920
take any technology and not abuse it

56
00:02:22,309 --> 00:02:19,760
and that's a concern i hear that's a

57
00:02:24,229 --> 00:02:22,319
concern for you as a concern for me too

58
00:02:26,229 --> 00:02:24,239
that's not my concern whether it's a

59
00:02:28,229 --> 00:02:26,239
concern you're interested in that right

60
00:02:31,670 --> 00:02:28,239
i think this is a why evil matters

61
00:02:33,830 --> 00:02:31,680
question because google is in the social

62
00:02:36,630 --> 00:02:33,840
engineering business

63
00:02:39,030 --> 00:02:36,640

whether they like it or not

64

00:02:43,589 --> 00:02:39,040

but the question is are they

65

00:02:45,910 --> 00:02:43,599

evil are the people behind the a i

66

00:02:47,430 --> 00:02:45,920

evil that's ultimately what we want to

67

00:02:48,710 --> 00:02:47,440

know

68

00:02:51,030 --> 00:02:48,720

so even though we don't agree on

69

00:02:54,710 --> 00:02:51,040

everything i do think we sync up on the

70

00:02:57,030 --> 00:02:54,720

deeper philosophical and really

71

00:02:58,309 --> 00:02:57,040

spiritual questions about how we should

72

00:02:59,990 --> 00:02:58,319

understand

73

00:03:03,589 --> 00:03:00,000

and relate to

74

00:03:06,710 --> 00:03:03,599

this ai thing which is very very real

75

00:03:10,309 --> 00:03:06,720

and is happening right now and is not

76
00:03:12,470 --> 00:03:10,319
that far off from a minority report kind

77
00:03:14,550 --> 00:03:12,480
of situation

78
00:03:16,470 --> 00:03:14,560
lots to cover here's my interview with

79
00:03:18,309 --> 00:03:16,480
dr doug matzke

80
00:03:20,710 --> 00:03:18,319
welcome to skeptica where we explore

81
00:03:23,190 --> 00:03:20,720
controversial science and spirituality

82
00:03:25,750 --> 00:03:23,200
with leading researchers thinkers and

83
00:03:29,509 --> 00:03:25,760
their critics i'm your host alex sicaris

84
00:03:32,869 --> 00:03:29,519
and today we welcome dr doug matzke back

85
00:03:36,070 --> 00:03:32,879
to skeptico doug is the author of deep

86
00:03:39,509 --> 00:03:36,080
reality why source science may be the

87
00:03:43,350 --> 00:03:39,519
key to understanding human potential

88
00:03:46,149 --> 00:03:43,360

and the last time doug was on

89

00:03:48,550 --> 00:03:46,159

i learned so much both preparing for the

90

00:03:50,710 --> 00:03:48,560

interview and then in the actual

91

00:03:53,509 --> 00:03:50,720

interview with doug that

92

00:03:56,630 --> 00:03:53,519

i've been dying to get him back

93

00:03:59,350 --> 00:03:56,640

and then last episode i ran across and

94

00:04:02,550 --> 00:03:59,360

felt very fortunate to get an interview

95

00:04:03,910 --> 00:04:02,560

with an ai artificial intelligence guy

96

00:04:06,550 --> 00:04:03,920

from google

97

00:04:07,830 --> 00:04:06,560

named andrew smart and i just posted

98

00:04:10,229 --> 00:04:07,840

that interview

99

00:04:12,149 --> 00:04:10,239

and i sent it to doug i kind of sent him

100

00:04:14,309 --> 00:04:12,159

the book beforehand and said hey what do

101
00:04:16,710 --> 00:04:14,319
you think about this he gave me some

102
00:04:18,710 --> 00:04:16,720
really interesting feedback before and

103
00:04:22,390 --> 00:04:18,720
then i sent him a pre-release copy

104
00:04:24,790 --> 00:04:22,400
afterwards and i just think that

105
00:04:28,230 --> 00:04:24,800
that can kind of take us

106
00:04:30,710 --> 00:04:28,240
in some new places in terms of this

107
00:04:34,469 --> 00:04:30,720
incredible incredible work that he's

108
00:04:36,790 --> 00:04:34,479
done so doug welcome back to skeptico

109
00:04:39,670 --> 00:04:36,800
thanks for coming on

110
00:04:43,350 --> 00:04:39,680
thanks a lot i was looking forward to it

111
00:04:45,030 --> 00:04:43,360
so before we get started remind people a

112
00:04:47,030 --> 00:04:45,040
little bit about

113
00:04:49,990 --> 00:04:47,040

your background

114

00:04:51,909 --> 00:04:50,000

phd in quantum computing that ought to

115

00:04:53,270 --> 00:04:51,919

immediately send people on a little bit

116

00:04:55,430 --> 00:04:53,280

of a dude

117

00:04:58,790 --> 00:04:55,440

and then about this book really really

118

00:05:00,629 --> 00:04:58,800

quite amazing book uh deep reality why

119

00:05:03,510 --> 00:05:00,639

source science may be the key to

120

00:05:05,430 --> 00:05:03,520

understanding human potential

121

00:05:07,590 --> 00:05:05,440

my background is

122

00:05:09,909 --> 00:05:07,600

regular computer science right

123

00:05:11,189 --> 00:05:09,919

and but i knew that metaphysics had

124

00:05:12,870 --> 00:05:11,199

something to say

125

00:05:15,909 --> 00:05:12,880

about science

126

00:05:18,870 --> 00:05:15,919

back when i was in college okay so

127

00:05:21,029 --> 00:05:18,880

almost 50 years ago and so i go well

128

00:05:23,029 --> 00:05:21,039

maybe there's some relationship between

129

00:05:24,469 --> 00:05:23,039

the science behind metaphysics and

130

00:05:27,510 --> 00:05:24,479

computer science

131

00:05:28,870 --> 00:05:27,520

and so a lot of my career has been

132

00:05:31,189 --> 00:05:28,880

learning you know more about computer

133

00:05:32,550 --> 00:05:31,199

science to the point that i got a phd in

134

00:05:34,629 --> 00:05:32,560

quantum computing because quantum

135

00:05:36,150 --> 00:05:34,639

computing was like different than all

136

00:05:38,950 --> 00:05:36,160

the other computing that we'd known

137

00:05:41,189 --> 00:05:38,960

about and this this was already 20 years

138

00:05:43,029 --> 00:05:41,199

ago that i've had my phd in quantum

139

00:05:45,029 --> 00:05:43,039

computing which

140

00:05:47,430 --> 00:05:45,039

back then quantum computing was just

141

00:05:49,110 --> 00:05:47,440

starting the way it is now compared to

142

00:05:51,189 --> 00:05:49,120

now so

143

00:05:52,390 --> 00:05:51,199

so but i've continued to hang out with

144

00:05:55,430 --> 00:05:52,400

mystics

145

00:05:57,189 --> 00:05:55,440

remote viewers people who are healers

146

00:05:58,950 --> 00:05:57,199

people who are telepaths

147

00:06:01,590 --> 00:05:58,960

and so i keep trying to look for the

148

00:06:04,710 --> 00:06:01,600

intersection of those two areas if that

149

00:06:07,110 --> 00:06:04,720

makes sense and and so i call that whole

150

00:06:09,029 --> 00:06:07,120

area i call it source science

151
00:06:10,629 --> 00:06:09,039
based on because most people call this

152
00:06:12,230 --> 00:06:10,639
like from a law of attraction language

153
00:06:14,230 --> 00:06:12,240
they say well this is source energy

154
00:06:16,230 --> 00:06:14,240
that's that's the way they use it now i

155
00:06:18,390 --> 00:06:16,240
don't like the word energy

156
00:06:19,990 --> 00:06:18,400
because it's mostly information so i

157
00:06:21,590 --> 00:06:20,000
call it source science because it's the

158
00:06:23,189 --> 00:06:21,600
science of

159
00:06:25,110 --> 00:06:23,199
what's the source of all of this not

160
00:06:27,830 --> 00:06:25,120
only in quantum mechanics

161
00:06:29,430 --> 00:06:27,840
but thought itself is i believe overlaps

162
00:06:31,830 --> 00:06:29,440
with that so hopefully that's a good

163
00:06:34,469 --> 00:06:31,840

enough introduction i mean it isn't it

164

00:06:36,230 --> 00:06:34,479

isn't in that it's a kind of

165

00:06:39,749 --> 00:06:36,240

that's the world

166

00:06:40,469 --> 00:06:39,759

kind of it's the whole thing you know

167

00:06:42,550 --> 00:06:40,479

but

168

00:06:43,510 --> 00:06:42,560

you know um and some of this will kind

169

00:06:47,749 --> 00:06:43,520

of

170

00:06:48,710 --> 00:06:47,759

about but that's so okay because it took

171

00:06:52,230 --> 00:06:48,720

me

172

00:06:55,110 --> 00:06:52,240

your background your material in your

173

00:06:57,270 --> 00:06:55,120

book to really kind of get this at a

174

00:07:00,390 --> 00:06:57,280

deeper and deeper level because you are

175

00:07:01,909 --> 00:07:00,400

just a super super smart guy and

176

00:07:03,990 --> 00:07:01,919

i feel like you're always working to

177

00:07:06,230 --> 00:07:04,000

kind of dumb this down to a level where

178

00:07:08,710 --> 00:07:06,240

we can all understand it

179

00:07:12,150 --> 00:07:08,720

i wanted to return to this intuition you

180

00:07:13,830 --> 00:07:12,160

had about there being a deeper

181

00:07:15,830 --> 00:07:13,840

real connection

182

00:07:17,749 --> 00:07:15,840

between physics

183

00:07:22,790 --> 00:07:17,759

computing

184

00:07:24,629 --> 00:07:22,800

math if you will like geometric algebra

185

00:07:26,150 --> 00:07:24,639

and just those three

186

00:07:28,230 --> 00:07:26,160

and then we can make the leap to the

187

00:07:30,950 --> 00:07:28,240

metaphysics which is kind of like a

188

00:07:32,150 --> 00:07:30,960

whole space shot thing okay

189

00:07:34,870 --> 00:07:32,160

so

190

00:07:36,550 --> 00:07:34,880

computing we always

191

00:07:38,150 --> 00:07:36,560

turns out people have been computing for

192

00:07:39,029 --> 00:07:38,160

a long time because you know we had

193

00:07:41,029 --> 00:07:39,039

these

194

00:07:43,270 --> 00:07:41,039

ways of cataloging

195

00:07:44,869 --> 00:07:43,280

censuses you know

196

00:07:47,749 --> 00:07:44,879

with punch cards

197

00:07:49,670 --> 00:07:47,759

since you know since the 1800s okay they

198

00:07:52,230 --> 00:07:49,680

had some some way of cataloging they had

199

00:07:53,990 --> 00:07:52,240

these ancient tabulating machines so

200

00:07:55,990 --> 00:07:54,000

computing has been going on the abacus

201
00:07:57,749 --> 00:07:56,000
is really old people have been computing

202
00:07:59,189 --> 00:07:57,759
for a long time it's only when we the

203
00:08:01,350 --> 00:07:59,199
modern age of the invention of the

204
00:08:02,869 --> 00:08:01,360
transistor where we could really start

205
00:08:05,029 --> 00:08:02,879
building computers that were really

206
00:08:07,670 --> 00:08:05,039
powerful okay and in fact they're

207
00:08:11,029 --> 00:08:07,680
getting 50 percent faster and twice as

208
00:08:14,150 --> 00:08:11,039
fast um and 50 smaller every two years

209
00:08:16,869 --> 00:08:14,160
for the last 30 generations okay so 2 to

210
00:08:18,550 --> 00:08:16,879
the 30th is a really small more powerful

211
00:08:21,270 --> 00:08:18,560
computer than it was the original that's

212
00:08:23,110 --> 00:08:21,280
called moore's law okay so the question

213
00:08:24,629 --> 00:08:23,120

is when you get down to the very bottom

214

00:08:26,790 --> 00:08:24,639

you keep scaling and scaling scaling

215

00:08:28,390 --> 00:08:26,800

what do you get well physicists had been

216

00:08:30,790 --> 00:08:28,400

thinking about that

217

00:08:33,269 --> 00:08:30,800

specifically hold on doug because you

218

00:08:35,829 --> 00:08:33,279

realize you just made a switch i don't

219

00:08:38,790 --> 00:08:35,839

know if it was conscious or subconscious

220

00:08:41,430 --> 00:08:38,800

but you made the switch from computing

221

00:08:43,350 --> 00:08:41,440

to physics and you said physics gets

222

00:08:44,949 --> 00:08:43,360

further and further down

223

00:08:47,030 --> 00:08:44,959

and that's what you're really saying is

224

00:08:49,190 --> 00:08:47,040

because you could take you could take

225

00:08:52,150 --> 00:08:49,200

and i'd like you to do it you could take

226

00:08:54,790 --> 00:08:52,160

us through physics has been around for a

227

00:08:57,829 --> 00:08:54,800

long time and the apple falling off the

228

00:09:00,550 --> 00:08:57,839

tree but there was no intuition

229

00:09:02,389 --> 00:09:00,560

at that point that these two

230

00:09:04,470 --> 00:09:02,399

somehow came together

231

00:09:06,550 --> 00:09:04,480

yeah absolutely

232

00:09:08,630 --> 00:09:06,560

some of the earliest people were like

233

00:09:10,070 --> 00:09:08,640

feynman said there's he has a famous

234

00:09:12,550 --> 00:09:10,080

lecture where he says there's a lot of

235

00:09:14,630 --> 00:09:12,560

room down there and essentially enough

236

00:09:16,790 --> 00:09:14,640

is very physicist specifically people

237

00:09:18,710 --> 00:09:16,800

are working like on semiconductors which

238

00:09:20,389 --> 00:09:18,720

we've known about since the invention of

239

00:09:22,630 --> 00:09:20,399

the transistors in the late

240

00:09:24,630 --> 00:09:22,640

um 40s and early 50s when they started

241

00:09:25,829 --> 00:09:24,640

building semiconductors that he says

242

00:09:27,030 --> 00:09:25,839

there's a lot of room down there we

243

00:09:29,350 --> 00:09:27,040

could build computers smaller and

244

00:09:31,350 --> 00:09:29,360

smaller and smaller down to the physical

245

00:09:33,750 --> 00:09:31,360

limits that we can with physics like

246

00:09:35,670 --> 00:09:33,760

atoms and stuff like that so people have

247

00:09:37,430 --> 00:09:35,680

been thinking about this for a long time

248

00:09:40,070 --> 00:09:37,440

it's just technology hadn't caught up

249

00:09:41,750 --> 00:09:40,080

with their thoughts finally in 1981

250

00:09:43,030 --> 00:09:41,760

there was a fist comp conference where

251

00:09:44,630 --> 00:09:43,040

they were looking at the connection

252

00:09:46,389 --> 00:09:44,640

between physics and computing and

253

00:09:48,949 --> 00:09:46,399

feynman was the keynote speaker of that

254

00:09:51,110 --> 00:09:48,959

and tom toffley was the was the mate was

255

00:09:54,070 --> 00:09:51,120

you know ran that conference um out of

256

00:09:55,670 --> 00:09:54,080

uh mit okay and so that was really the

257

00:09:57,509 --> 00:09:55,680

and you can find those

258

00:09:59,990 --> 00:09:57,519

those that really that all those papers

259

00:10:01,030 --> 00:10:00,000

are in there in the uh in a journal out

260

00:10:03,110 --> 00:10:01,040

there so

261

00:10:05,030 --> 00:10:03,120

um so just realize that people have been

262

00:10:06,870 --> 00:10:05,040

talking about this for a long time and

263

00:10:08,710 --> 00:10:06,880

then all of a sudden ralph landauer came

264

00:10:11,910 --> 00:10:08,720

around and showed that if you erase

265

00:10:13,750 --> 00:10:11,920

information you can't ignore it right so

266

00:10:16,470 --> 00:10:13,760

that means you can't just throw

267

00:10:19,030 --> 00:10:16,480

information away and and expect it to be

268

00:10:21,430 --> 00:10:19,040

okay because it violates entropy

269

00:10:23,430 --> 00:10:21,440

and so and that was in the 60s okay so

270

00:10:25,829 --> 00:10:23,440

people have been dodging around this

271

00:10:28,310 --> 00:10:25,839

dancing around this this story between

272

00:10:30,470 --> 00:10:28,320

physics and computing and so finally i

273

00:10:33,590 --> 00:10:30,480

had the other two fist conferences in 92

274

00:10:35,990 --> 00:10:33,600

and 94 and that sort of like

275

00:10:37,990 --> 00:10:36,000

catapulted me in deeper understanding of

276

00:10:39,990 --> 00:10:38,000

that and then i decided to work on a phd

277

00:10:43,750 --> 00:10:40,000

in fisc you know and quantum computing

278

00:10:45,829 --> 00:10:43,760

in 97 through 2001 and so you know it's

279

00:10:47,110 --> 00:10:45,839

like how do you how do you learn about

280

00:10:49,670 --> 00:10:47,120

this we have to figure out take

281

00:10:51,509 --> 00:10:49,680

opportunities to you know go get a phd

282

00:10:53,990 --> 00:10:51,519

in it which was paid for by texas

283

00:10:55,670 --> 00:10:54,000

instruments thank you very much right

284

00:10:58,550 --> 00:10:55,680

and

285

00:11:00,389 --> 00:10:58,560

so the point is computers keep getting

286

00:11:01,990 --> 00:11:00,399

smaller moore's law

287

00:11:03,590 --> 00:11:02,000

they've been warned hold on even even

288

00:11:05,430 --> 00:11:03,600

before you go back there because again i

289

00:11:08,630 --> 00:11:05,440

feel like you just kind of

290

00:11:10,710 --> 00:11:08,640

covered the world there and we need to

291

00:11:12,389 --> 00:11:10,720

we need to break it down i'm just i'm

292

00:11:14,470 --> 00:11:12,399

just slowing down so i can follow it

293

00:11:16,710 --> 00:11:14,480

doug you're not doing you're not doing

294

00:11:18,470 --> 00:11:16,720

anything wrong i just need to follow it

295

00:11:20,630 --> 00:11:18,480

so when feynman

296

00:11:21,670 --> 00:11:20,640

that is richard feynman

297

00:11:23,590 --> 00:11:21,680

famous

298

00:11:26,470 --> 00:11:23,600

caltech

299

00:11:29,030 --> 00:11:26,480

genius nobel prize winner worked on the

300

00:11:30,790 --> 00:11:29,040

atom bomb vineman

301
00:11:31,990 --> 00:11:30,800
says there's plenty of room at the

302
00:11:34,949 --> 00:11:32,000
bottom

303
00:11:36,470 --> 00:11:34,959
that is generally associated with

304
00:11:37,350 --> 00:11:36,480
nanotechnology

305
00:11:39,269 --> 00:11:37,360
right that's what's happening and

306
00:11:42,069 --> 00:11:39,279
computing though too

307
00:11:45,269 --> 00:11:42,079
that's your insight that is your

308
00:11:47,910 --> 00:11:45,279
brilliant insight right because everyone

309
00:11:51,269 --> 00:11:47,920
listens to that fineman quote and they

310
00:11:53,990 --> 00:11:51,279
go oh he means we can make uh uh

311
00:11:56,230 --> 00:11:54,000
buckyballs and you know string stuff

312
00:11:58,949 --> 00:11:56,240
together down there at the bottom and

313
00:12:01,509 --> 00:11:58,959

they're right to a certain extent but

314

00:12:05,190 --> 00:12:01,519

what you're pointing out is that

315

00:12:06,870 --> 00:12:05,200

feynman's intuition is that as we get

316

00:12:10,310 --> 00:12:06,880

further down

317

00:12:11,829 --> 00:12:10,320

our frenemies our colleagues over in

318

00:12:15,910 --> 00:12:11,839

computing

319

00:12:18,629 --> 00:12:15,920

they start to be sounding a lot like us

320

00:12:21,190 --> 00:12:18,639

and maybe there's this kind of deeper

321

00:12:24,069 --> 00:12:21,200

connection and again intuitively because

322

00:12:26,470 --> 00:12:24,079

we don't do it so feynman is both this

323

00:12:29,190 --> 00:12:26,480

shut up and calculate guy like just kind

324

00:12:31,629 --> 00:12:29,200

of do it and he's also this physicist

325

00:12:34,310 --> 00:12:31,639

engineering guy like make all this

326

00:12:37,190 --> 00:12:34,320

nanotechnology stuff but as you point

327

00:12:39,750 --> 00:12:37,200

out at the same time these guys

328

00:12:42,790 --> 00:12:39,760

are starting to see the computer

329

00:12:44,949 --> 00:12:42,800

connection because computers are growing

330

00:12:47,670 --> 00:12:44,959

more and more powerful and what they can

331

00:12:49,990 --> 00:12:47,680

do with information and information

332

00:12:52,389 --> 00:12:50,000

theory and all the rest of that stuff is

333

00:12:54,470 --> 00:12:52,399

getting to look so they're starting to

334

00:12:56,389 --> 00:12:54,480

see this now the other thing that you

335

00:12:58,949 --> 00:12:56,399

added that puts you right in the middle

336

00:12:59,990 --> 00:12:58,959

of this is that these conferences where

337

00:13:01,670 --> 00:13:00,000

these

338

00:13:04,230 --> 00:13:01,680

genius people

339

00:13:05,509 --> 00:13:04,240

were meeting and having these brilliant

340

00:13:07,910 --> 00:13:05,519

insights

341

00:13:10,310 --> 00:13:07,920

ran for a while and then they kind of

342

00:13:13,590 --> 00:13:10,320

stopped but you said

343

00:13:15,829 --> 00:13:13,600

this is a way for things to move forward

344

00:13:18,389 --> 00:13:15,839

we should reboot

345

00:13:20,550 --> 00:13:18,399

those conferences and you did

346

00:13:23,110 --> 00:13:20,560

and what came out of them was pretty

347

00:13:26,790 --> 00:13:23,120

amazing and it also then

348

00:13:29,910 --> 00:13:26,800

puts you into okay i need to go and

349

00:13:32,470 --> 00:13:29,920

pursue a phd to explore this intuition

350

00:13:34,470 --> 00:13:32,480

you had about this connection

351

00:13:36,389 --> 00:13:34,480

right absolutely

352

00:13:38,069 --> 00:13:36,399

so just

353

00:13:40,870 --> 00:13:38,079

i'm going to connect the one last thing

354

00:13:42,069 --> 00:13:40,880

about physics and computing okay

355

00:13:45,430 --> 00:13:42,079

all

356

00:13:47,430 --> 00:13:45,440

computers have to use some kind

357

00:13:48,629 --> 00:13:47,440

of implementation some kind of physical

358

00:13:50,310 --> 00:13:48,639

implementation

359

00:13:52,470 --> 00:13:50,320

and they've been doing that for these 30

360

00:13:54,790 --> 00:13:52,480

generations right

361

00:13:55,910 --> 00:13:54,800

the point is is as you get so small

362

00:13:57,430 --> 00:13:55,920

pretty soon

363

00:14:00,069 --> 00:13:57,440

you have you can't be a transistor

364

00:14:02,710 --> 00:14:00,079

anymore because you the gate which is 7

365

00:14:05,189 --> 00:14:02,720

molecules thick stops acting like a gate

366

00:14:06,470 --> 00:14:05,199

it's just on all the time so you're

367

00:14:08,790 --> 00:14:06,480

limited

368

00:14:10,949 --> 00:14:08,800

by what you can compute based on the

369

00:14:13,750 --> 00:14:10,959

materials and the processes and the

370

00:14:15,189 --> 00:14:13,760

physics behind all that that you can do

371

00:14:16,389 --> 00:14:15,199

wires

372

00:14:19,590 --> 00:14:16,399

are copper

373

00:14:21,350 --> 00:14:19,600

the semiconductor the current is

374

00:14:23,030 --> 00:14:21,360

supposed to flow on this after you get

375

00:14:25,030 --> 00:14:23,040

them so small

376

00:14:26,470 --> 00:14:25,040

the dielectric that keeps them from

377

00:14:28,710 --> 00:14:26,480

talking to each other shorting each

378

00:14:30,470 --> 00:14:28,720

other out comes so thin

379

00:14:32,629 --> 00:14:30,480

that they start talking to each other

380

00:14:34,870 --> 00:14:32,639

like a tunneling so quantum mechanics

381

00:14:37,030 --> 00:14:34,880

properties starts happening at the

382

00:14:40,629 --> 00:14:37,040

macroscopic scale because you can't so

383

00:14:42,949 --> 00:14:40,639

the point is physics and materials

384

00:14:45,030 --> 00:14:42,959

is part of this computing infrastructure

385

00:14:47,269 --> 00:14:45,040

and the key to the genius of the moore's

386

00:14:49,110 --> 00:14:47,279

law is that they says well they

387

00:14:51,990 --> 00:14:49,120

predicted it was going to die ten years

388

00:14:53,829 --> 00:14:52,000

ago okay now they're for sure gonna die

389

00:14:56,310 --> 00:14:53,839

in the next 10 years because they're

390

00:14:59,110 --> 00:14:56,320

down to two nanometers well you can't

391

00:15:01,910 --> 00:14:59,120

even use light anymore to mask build

392

00:15:04,470 --> 00:15:01,920

masks you have to use near ultraviolet

393

00:15:06,949 --> 00:15:04,480

and there none of your lenses work none

394

00:15:08,150 --> 00:15:06,959

of your masking techniques ibm is the

395

00:15:09,990 --> 00:15:08,160

first one to announce that they're

396

00:15:12,230 --> 00:15:10,000

building a two nanometer well they're

397

00:15:13,990 --> 00:15:12,240

not going to go down to maybe they'll go

398

00:15:16,069 --> 00:15:14,000

down to a one maybe they'll down to go

399

00:15:18,069 --> 00:15:16,079

down to a half nanometer but they're not

400

00:15:19,910 --> 00:15:18,079

going to go any smaller so end of

401
00:15:21,350 --> 00:15:19,920
moore's law

402
00:15:23,350 --> 00:15:21,360
at some point

403
00:15:25,509 --> 00:15:23,360
by definition

404
00:15:28,230 --> 00:15:25,519
because what does moore's law say it's

405
00:15:29,829 --> 00:15:28,240
the same process every two years well

406
00:15:31,110 --> 00:15:29,839
even if you can go one more generation

407
00:15:32,470 --> 00:15:31,120
you're not going to do it another two or

408
00:15:34,150 --> 00:15:32,480
three or four

409
00:15:35,990 --> 00:15:34,160
so something has to give and that's why

410
00:15:38,629 --> 00:15:36,000
i started working on quantum computing

411
00:15:40,629 --> 00:15:38,639
because quantum computing sort of like

412
00:15:42,790 --> 00:15:40,639
escapes the classical box that we're

413
00:15:45,189 --> 00:15:42,800

bound in so again

414

00:15:47,350 --> 00:15:45,199

that's great there's again kind of a lot

415

00:15:49,509 --> 00:15:47,360

to kind of process there

416

00:15:51,670 --> 00:15:49,519

one thing i'd pick up on

417

00:15:55,189 --> 00:15:51,680

it was a quote that from our last

418

00:15:57,509 --> 00:15:55,199

interview you know you said relativity

419

00:15:59,990 --> 00:15:57,519

works whether you believe it or not you

420

00:16:03,509 --> 00:16:00,000

also said i think by implication

421

00:16:06,550 --> 00:16:03,519

these laws of quantum mechanics

422

00:16:08,230 --> 00:16:06,560

work whether we believe in them or not

423

00:16:11,350 --> 00:16:08,240

and i think that's what your example

424

00:16:13,990 --> 00:16:11,360

just said so if you put those wires

425

00:16:17,189 --> 00:16:14,000

together then we start having these

426
00:16:19,910 --> 00:16:17,199
weird quantum effects whether we like it

427
00:16:22,629 --> 00:16:19,920
or not but the the other part of that

428
00:16:25,910 --> 00:16:22,639
too is what you're saying is that our

429
00:16:28,470 --> 00:16:25,920
satellite communication works

430
00:16:31,670 --> 00:16:28,480
because we're following the quantum

431
00:16:32,470 --> 00:16:31,680
mechanical laws you know and and that

432
00:16:34,790 --> 00:16:32,480
yeah

433
00:16:36,310 --> 00:16:34,800
and relativity and relativity right the

434
00:16:38,949 --> 00:16:36,320
sinking of the clocks and that works

435
00:16:42,310 --> 00:16:38,959
whether you it's not a belief

436
00:16:43,910 --> 00:16:42,320
thing it's science

437
00:16:46,150 --> 00:16:43,920
well we we have this whole thing about

438
00:16:47,910 --> 00:16:46,160

science and you know it's it's a

439

00:16:49,590 --> 00:16:47,920

shuttle science that works not just the

440

00:16:51,509 --> 00:16:49,600

political part of science but the

441

00:16:54,069 --> 00:16:51,519

science that's the pragmatic i'm an

442

00:16:57,269 --> 00:16:54,079

engineer i'm pragmatic i want to make

443

00:16:59,430 --> 00:16:57,279

things work well how does the mind work

444

00:17:02,550 --> 00:16:59,440

there's there's my pragmatism coming to

445

00:17:04,549 --> 00:17:02,560

roost on that subject exactly exactly

446

00:17:06,630 --> 00:17:04,559

and that's where i want to go next

447

00:17:08,630 --> 00:17:06,640

because that's where i think it gets

448

00:17:11,909 --> 00:17:08,640

interesting so

449

00:17:14,390 --> 00:17:11,919

the the key point here is so you you had

450

00:17:17,270 --> 00:17:14,400

this intuition you saw it coming you

451
00:17:19,590 --> 00:17:17,280
know physics computing boom and then you

452
00:17:21,990 --> 00:17:19,600
saw math too which you know

453
00:17:24,150 --> 00:17:22,000
math is important too you know this

454
00:17:25,829 --> 00:17:24,160
whole thing of geometric algebra thing

455
00:17:26,549 --> 00:17:25,839
is brilliant people cover it in the book

456
00:17:28,069 --> 00:17:26,559
it's

457
00:17:29,990 --> 00:17:28,079
way over my head and out of scope for

458
00:17:32,150 --> 00:17:30,000
this interview but then where this takes

459
00:17:34,390 --> 00:17:32,160
you is into metaphysics and that's what

460
00:17:37,190 --> 00:17:34,400
i want to kind of talk about because the

461
00:17:40,870 --> 00:17:37,200
last time you were on skeptico i didn't

462
00:17:44,950 --> 00:17:40,880
give you the full skeptical treatment

463
00:17:48,549 --> 00:17:46,549

but i think we're gonna have to go there

464

00:17:49,669 --> 00:17:48,559

this time okay because

465

00:17:52,390 --> 00:17:49,679

here's the thing

466

00:17:54,630 --> 00:17:52,400

like you threw out a phrase

467

00:17:57,590 --> 00:17:54,640

law of attraction not a phrase an idea a

468

00:17:58,789 --> 00:17:57,600

concept and the book

469

00:18:00,549 --> 00:17:58,799

kind of

470

00:18:02,950 --> 00:18:00,559

talks a lot about that has a lot about

471

00:18:05,110 --> 00:18:02,960

to say even the title of the book uh is

472

00:18:08,150 --> 00:18:05,120

it the key to understanding our human

473

00:18:11,990 --> 00:18:08,160

potential i think we think about that in

474

00:18:14,150 --> 00:18:12,000

different ways so i want you to tell me

475

00:18:16,710 --> 00:18:14,160

how you think something like the law of

476

00:18:18,710 --> 00:18:16,720

attraction plays into

477

00:18:20,230 --> 00:18:18,720

this aspect of human potential that

478

00:18:22,230 --> 00:18:20,240

you're talking about

479

00:18:23,350 --> 00:18:22,240

you've probably had personally and i

480

00:18:25,110 --> 00:18:23,360

know other people who do too

481

00:18:26,710 --> 00:18:25,120

coincidences right

482

00:18:28,310 --> 00:18:26,720

that you you go

483

00:18:30,789 --> 00:18:28,320

i was thinking about somebody they

484

00:18:32,710 --> 00:18:30,799

called i was thinking about

485

00:18:34,230 --> 00:18:32,720

uh i was thinking oh there's a cop up

486

00:18:35,669 --> 00:18:34,240

there and sure enough you slow down and

487

00:18:37,430 --> 00:18:35,679

there's a cop up there there's these

488

00:18:39,830 --> 00:18:37,440

intuitions coincidences you can call

489

00:18:41,270 --> 00:18:39,840

coincidences you can call them

490

00:18:43,990 --> 00:18:41,280

intuitions

491

00:18:46,230 --> 00:18:44,000

so those things where you know those

492

00:18:47,510 --> 00:18:46,240

aren't classical computing concepts at

493

00:18:49,990 --> 00:18:47,520

all okay

494

00:18:50,710 --> 00:18:50,000

and so where did they come from right

495

00:18:56,310 --> 00:18:50,720

so

496

00:18:57,990 --> 00:18:56,320

the infrastructure

497

00:19:00,230 --> 00:18:58,000

okay

498

00:19:01,669 --> 00:19:00,240

that science would have to say something

499

00:19:03,110 --> 00:19:01,679

about metaphysics right that's what

500

00:19:05,350 --> 00:19:03,120

you're wanting me to connect science and

501
00:19:07,350 --> 00:19:05,360
metaphysics right

502
00:19:09,270 --> 00:19:07,360
so so yeah this whole category of stuff

503
00:19:11,270 --> 00:19:09,280
that we would call metaphysics right

504
00:19:12,070 --> 00:19:11,280
yeah right and so

505
00:19:13,830 --> 00:19:12,080
what

506
00:19:16,150 --> 00:19:13,840
there's a slide i have out there in my

507
00:19:17,830 --> 00:19:16,160
latest talk that i just gave on the

508
00:19:21,110 --> 00:19:17,840
other day that and it's out there in

509
00:19:22,789 --> 00:19:21,120
other talks as well i catalog all of the

510
00:19:24,390 --> 00:19:22,799
um kinds of metaphysics and what kind of

511
00:19:25,750 --> 00:19:24,400
phenomena they are a sense of

512
00:19:27,990 --> 00:19:25,760
information

513
00:19:29,909 --> 00:19:28,000

spatial spatial properties

514

00:19:31,750 --> 00:19:29,919

temporal properties and you realize that

515

00:19:32,950 --> 00:19:31,760

most metaphysics has nothing to do with

516

00:19:35,430 --> 00:19:32,960

energy

517

00:19:36,950 --> 00:19:35,440

it has all to do with information do you

518

00:19:39,110 --> 00:19:36,960

have a near-death experience it's like

519

00:19:41,590 --> 00:19:39,120

you're visiting virtual reality like a

520

00:19:43,909 --> 00:19:41,600

movie theater if you have a

521

00:19:45,750 --> 00:19:43,919

astral projection the same thing if you

522

00:19:48,150 --> 00:19:45,760

have telepathy you're getting

523

00:19:50,230 --> 00:19:48,160

information there's no energy in any of

524

00:19:52,549 --> 00:19:50,240

that only time that energy shows up is

525

00:19:54,150 --> 00:19:52,559

if you have a psychokinesis experiment

526
00:19:55,669 --> 00:19:54,160
and you're actually changing something

527
00:19:57,750 --> 00:19:55,679
in the physical world you go well how do

528
00:19:59,830 --> 00:19:57,760
you do that unless it's energy well it

529
00:20:02,230 --> 00:19:59,840
turns out entropy is the key between

530
00:20:04,390 --> 00:20:02,240
those two you if you can change the

531
00:20:06,789 --> 00:20:04,400
entropy of a system you're changing its

532
00:20:09,190 --> 00:20:06,799
effective energy well

533
00:20:10,390 --> 00:20:09,200
entropy is also an information concept

534
00:20:12,630 --> 00:20:10,400
it turns out

535
00:20:13,830 --> 00:20:12,640
even in a black hole the surface area of

536
00:20:15,990 --> 00:20:13,840
a black hole

537
00:20:18,789 --> 00:20:16,000
is measured its surface area is called

538
00:20:20,870 --> 00:20:18,799

its entropy and its units is bits so at

539

00:20:22,149 --> 00:20:20,880

physics level entropy and bits are tied

540

00:20:24,149 --> 00:20:22,159

together so

541

00:20:25,909 --> 00:20:24,159

that's that's where information comes in

542

00:20:28,710 --> 00:20:25,919

entropy and information are tied to

543

00:20:32,390 --> 00:20:28,720

physics in in that way through entropy

544

00:20:34,310 --> 00:20:32,400

okay so it says okay maybe the human

545

00:20:35,350 --> 00:20:34,320

is dealing with information at such a

546

00:20:38,470 --> 00:20:35,360

level

547

00:20:40,390 --> 00:20:38,480

that it can manipulate the entropy of a

548

00:20:43,350 --> 00:20:40,400

system and most computation is also

549

00:20:44,870 --> 00:20:43,360

entropy in other words computation works

550

00:20:46,870 --> 00:20:44,880

even like due to

551

00:20:48,470 --> 00:20:46,880

due to landauer's principle because

552

00:20:51,430 --> 00:20:48,480

entropy is involved with physical

553

00:20:53,990 --> 00:20:51,440

computing right and you essentially your

554

00:20:56,070 --> 00:20:54,000

your if you just let randomness

555

00:20:57,750 --> 00:20:56,080

completely happen all the time we would

556

00:20:59,430 --> 00:20:57,760

have no answers no computing would be

557

00:21:01,830 --> 00:20:59,440

done everything would be random and you

558

00:21:03,909 --> 00:21:01,840

would get no concrete focus

559

00:21:05,190 --> 00:21:03,919

answer to your question right

560

00:21:08,070 --> 00:21:05,200

but that's

561

00:21:09,990 --> 00:21:08,080

the opposite of entropy right it's it's

562

00:21:11,990 --> 00:21:10,000

it's putting more order in the system so

563

00:21:14,710 --> 00:21:12,000

how so that's the question how does the

564

00:21:16,710 --> 00:21:14,720

human mind create more order especially

565

00:21:19,110 --> 00:21:16,720

in all this range of phenomena that we

566

00:21:22,149 --> 00:21:19,120

see in metaphysics it's all about order

567

00:21:23,830 --> 00:21:22,159

out instead of chaos so

568

00:21:25,110 --> 00:21:23,840

see and that's where i think we'd

569

00:21:27,590 --> 00:21:25,120

probably

570

00:21:29,510 --> 00:21:27,600

disagree a little bit because

571

00:21:30,870 --> 00:21:29,520

i think if we if we took what you're

572

00:21:33,350 --> 00:21:30,880

saying like

573

00:21:36,630 --> 00:21:33,360

first of all you're making the leap that

574

00:21:37,669 --> 00:21:36,640

has to be made has to be made from

575

00:21:38,470 --> 00:21:37,679

science

576

00:21:41,669 --> 00:21:38,480

yes

577

00:21:43,590 --> 00:21:41,679

so science as we know it materialistic

578

00:21:45,830 --> 00:21:43,600

you are an illusion because

579

00:21:48,230 --> 00:21:45,840

consciousness is an illusion so just do

580

00:21:49,990 --> 00:21:48,240

what i say we we have to get past that

581

00:21:52,149 --> 00:21:50,000

so we have to

582

00:21:54,310 --> 00:21:52,159

try and figure out all these things that

583

00:21:56,630 --> 00:21:54,320

are we've said are on the fringe but are

584

00:21:58,789 --> 00:21:56,640

really smacking us in the face so right

585

00:22:00,390 --> 00:21:58,799

whether it's intuition coincidence

586

00:22:02,310 --> 00:22:00,400

near-death experience you know just

587

00:22:04,710 --> 00:22:02,320

smacks you in the faith after death

588

00:22:07,270 --> 00:22:04,720

communication smacks you in the face so

589

00:22:09,590 --> 00:22:07,280

you're you're you're trying to kind of

590

00:22:12,390 --> 00:22:09,600

wrestle those to the ground but i think

591

00:22:14,549 --> 00:22:12,400

if we take what we know about science

592

00:22:16,390 --> 00:22:14,559

that kind of science i don't think it

593

00:22:18,549 --> 00:22:16,400

fits in the in the models that you're

594

00:22:20,710 --> 00:22:18,559

talking about at least not at that point

595

00:22:22,630 --> 00:22:20,720

okay i just sent you at the last minute

596

00:22:23,830 --> 00:22:22,640

so you probably barely had a chance to

597

00:22:26,230 --> 00:22:23,840

look at it but

598

00:22:29,110 --> 00:22:26,240

julia mossbridge is this woman i think

599

00:22:31,590 --> 00:22:29,120

she's at ions now when i interviewed her

600

00:22:33,669 --> 00:22:31,600

she was dr julia mossbridge at

601
00:22:35,750 --> 00:22:33,679
northwestern university and she did this

602
00:22:38,310 --> 00:22:35,760
kind of clever experiment and i titled

603
00:22:41,350 --> 00:22:38,320
it men like to be right duh

604
00:22:44,310 --> 00:22:41,360
and her experiment is kind of taking up

605
00:22:47,270 --> 00:22:44,320
dean raiden's famous pre-sentiment

606
00:22:48,230 --> 00:22:47,280
experiment if people remember that

607
00:22:50,310 --> 00:22:48,240
you know

608
00:22:52,470 --> 00:22:50,320
dean raiden sets up a computer and the

609
00:22:54,630 --> 00:22:52,480
computer selects an image and then he

610
00:22:58,789 --> 00:22:54,640
measures your reaction to it and it

611
00:23:00,789 --> 00:22:58,799
turns out your reaction is before

612
00:23:02,950 --> 00:23:00,799
although those are kind of funny terms

613
00:23:06,390 --> 00:23:02,960

when we talk about space time

614

00:23:08,630 --> 00:23:06,400

your physical reaction either your skin

615

00:23:11,430 --> 00:23:08,640

or your eye dilation or any of those

616

00:23:13,110 --> 00:23:11,440

things can actually shown to be

617

00:23:15,830 --> 00:23:13,120

before the image is actually even

618

00:23:17,750 --> 00:23:15,840

selected by the computer but here's the

619

00:23:19,350 --> 00:23:17,760

part that i guess i think kind of throws

620

00:23:21,590 --> 00:23:19,360

a wrench in what you're saying

621

00:23:23,909 --> 00:23:21,600

mossbridge went one step further and she

622

00:23:26,230 --> 00:23:23,919

got these people together and since

623

00:23:29,190 --> 00:23:26,240

she's kind as a psychology background

624

00:23:31,270 --> 00:23:29,200

treated him like a psychology experiment

625

00:23:34,390 --> 00:23:31,280

and got the guys in one group and the

626
00:23:37,270 --> 00:23:34,400
girls in another group and said hey guys

627
00:23:40,230 --> 00:23:37,280
i think i want to see who's right more

628
00:23:42,630 --> 00:23:40,240
than anyone else and i'll give you more

629
00:23:44,630 --> 00:23:42,640
money if you're right don't you want to

630
00:23:45,909 --> 00:23:44,640
be right here's what you have to be

631
00:23:47,750 --> 00:23:45,919
right about

632
00:23:50,070 --> 00:23:47,760
picking the image that's going to come

633
00:23:52,390 --> 00:23:50,080
up next and she found a statistical

634
00:23:54,870 --> 00:23:52,400
difference between men and women in

635
00:23:57,190 --> 00:23:54,880
terms of how the the experiment was

636
00:23:59,269 --> 00:23:57,200
framed now if i haven't explained it

637
00:24:01,909 --> 00:23:59,279
right let me go back and recap one

638
00:24:03,350 --> 00:24:01,919

detail there's no way you can be right

639

00:24:06,390 --> 00:24:03,360

about this

640

00:24:08,630 --> 00:24:06,400

it's random it's randomly selected by

641

00:24:11,669 --> 00:24:08,640

the computer before you make your

642

00:24:14,230 --> 00:24:11,679

selection right so there's there's no

643

00:24:17,830 --> 00:24:14,240

way to be quote unquote right

644

00:24:21,510 --> 00:24:17,840

but the differences she found i think is

645

00:24:23,830 --> 00:24:21,520

the the the problem area it's not about

646

00:24:25,909 --> 00:24:23,840

i mean maybe you can speculate it's

647

00:24:27,990 --> 00:24:25,919

about entropy or it's about all this

648

00:24:30,789 --> 00:24:28,000

other stuff but what i think we all have

649

00:24:33,909 --> 00:24:30,799

an intuitive sense for it's about all

650

00:24:37,510 --> 00:24:33,919

the people stuff that we run into all

651
00:24:40,470 --> 00:24:37,520
the time it's about why we can't always

652
00:24:43,990 --> 00:24:40,480
communicate as effectively as we want to

653
00:24:46,789 --> 00:24:44,000
with the people we really love or why we

654
00:24:49,590 --> 00:24:46,799
are drawn to certain people and are not

655
00:24:53,590 --> 00:24:49,600
drawn to other people it's extremely

656
00:24:54,789 --> 00:24:53,600
messy and as screwed up as psychology

657
00:24:57,909 --> 00:24:54,799
can be

658
00:25:00,789 --> 00:24:57,919
they are pointing to something real that

659
00:25:02,789 --> 00:25:00,799
is way way more complex at this point

660
00:25:06,710 --> 00:25:02,799
than anything we're even close to

661
00:25:09,669 --> 00:25:06,720
understanding with physics or

662
00:25:12,549 --> 00:25:09,679
ai or anything like that what what are

663
00:25:14,630 --> 00:25:12,559

your thoughts about that uh hypothesis

664

00:25:17,350 --> 00:25:14,640

i'm not i'm not familiar with the

665

00:25:19,590 --> 00:25:17,360

details of of this i'm familiar with

666

00:25:21,590 --> 00:25:19,600

general pre-sentient experiments okay

667

00:25:23,029 --> 00:25:21,600

that dean did and other people did i

668

00:25:24,710 --> 00:25:23,039

mean obviously it's been replicated a

669

00:25:25,430 --> 00:25:24,720

whole bunch of places

670

00:25:26,630 --> 00:25:25,440

but

671

00:25:29,029 --> 00:25:26,640

in general

672

00:25:33,590 --> 00:25:29,039

if you have

673

00:25:35,350 --> 00:25:33,600

right that you have of targets that

674

00:25:36,789 --> 00:25:35,360

you're targeting you know the classic

675

00:25:39,110 --> 00:25:36,799

four cards and you want to pick which

676

00:25:40,789 --> 00:25:39,120

one of the four cards um that the person

677

00:25:42,870 --> 00:25:40,799

is going to be picking right and there

678

00:25:45,669 --> 00:25:42,880

and they're statistically higher that

679

00:25:48,310 --> 00:25:45,679

they pick up somebody who's telepathic

680

00:25:49,909 --> 00:25:48,320

or psychic or whatever can have a higher

681

00:25:51,590 --> 00:25:49,919

statistics than one out of four which

682

00:25:53,909 --> 00:25:51,600

would be the random case right so

683

00:25:56,950 --> 00:25:53,919

anytime you have statistics

684

00:25:59,110 --> 00:25:56,960

and you have abnormal statistics in any

685

00:26:01,430 --> 00:25:59,120

experiment that means there's usually

686

00:26:03,590 --> 00:26:01,440

some kind of mechanism supporting those

687

00:26:04,789 --> 00:26:03,600

statistics that's what bell's theorem

688

00:26:07,350 --> 00:26:04,799

was all about

689

00:26:09,990 --> 00:26:07,360

you know that entanglement shows that

690

00:26:11,029 --> 00:26:10,000

you have statistics that are not

691

00:26:13,909 --> 00:26:11,039

possible

692

00:26:15,510 --> 00:26:13,919

using regular classical statistics

693

00:26:17,350 --> 00:26:15,520

okay and you can say right let's make

694

00:26:19,510 --> 00:26:17,360

sure we're talking about the same thing

695

00:26:20,950 --> 00:26:19,520

i'm not disagreeing with any of that i'm

696

00:26:23,909 --> 00:26:20,960

saying if you try and put that in an

697

00:26:26,470 --> 00:26:23,919

experiment i can blow your experiment up

698

00:26:28,789 --> 00:26:26,480

just by doing what julia mossbridge does

699

00:26:30,710 --> 00:26:28,799

just get all the bros together and say

700

00:26:32,710 --> 00:26:30,720

hey man grab a beer and i'll tell you

701
00:26:34,390 --> 00:26:32,720
what you can do it you know here's what

702
00:26:37,029 --> 00:26:34,400
you got to do

703
00:26:39,990 --> 00:26:37,039
well maybe it's maybe it's motivational

704
00:26:42,549 --> 00:26:40,000
but maybe i can also go and you know

705
00:26:45,269 --> 00:26:42,559
look deeply into the people i love i

706
00:26:47,750 --> 00:26:45,279
quote unquote love and maybe that'll

707
00:26:50,390 --> 00:26:47,760
blow up your experiment so i can add all

708
00:26:52,789 --> 00:26:50,400
these human factor human element kind of

709
00:26:54,789 --> 00:26:52,799
things that blow up your experiment in a

710
00:26:56,630 --> 00:26:54,799
way that you can't pull that out and

711
00:26:58,950 --> 00:26:56,640
tease that out you're gonna have to just

712
00:27:00,710 --> 00:26:58,960
throw up your arms and go oh there's

713
00:27:02,870 --> 00:27:00,720

people involved so i get that you can

714

00:27:04,710 --> 00:27:02,880

get us to step one but i don't think he

715

00:27:07,110 --> 00:27:04,720

can get us to step two

716

00:27:09,190 --> 00:27:07,120

actually you can because

717

00:27:10,950 --> 00:27:09,200

you you look at what they did with the

718

00:27:12,470 --> 00:27:10,960

the t the maharishi effect you know

719

00:27:14,310 --> 00:27:12,480

where they had meditators going to town

720

00:27:16,310 --> 00:27:14,320

and it would lower the crime rate yeah

721

00:27:17,909 --> 00:27:16,320

i'm not sure i believe that but okay

722

00:27:20,870 --> 00:27:17,919

group dynamics

723

00:27:23,110 --> 00:27:20,880

amplifies the energy the intention

724

00:27:25,510 --> 00:27:23,120

and it's the same thing with the with

725

00:27:27,669 --> 00:27:25,520

the uh you know this isn't my research

726

00:27:29,990 --> 00:27:27,679

by the way i'm just i'm just reporting

727

00:27:32,470 --> 00:27:30,000

it to you okay um you're interpreting it

728

00:27:34,470 --> 00:27:32,480

though you're you're interpreting it

729

00:27:36,789 --> 00:27:34,480

as is

730

00:27:39,430 --> 00:27:36,799

the last point about group thing is okay

731

00:27:40,950 --> 00:27:39,440

the the random event generator the world

732

00:27:42,389 --> 00:27:40,960

random event generators that they did

733

00:27:45,269 --> 00:27:42,399

for princeton engineering anomaly

734

00:27:46,630 --> 00:27:45,279

research center they had these 100

735

00:27:48,149 --> 00:27:46,640

random event generators around the world

736

00:27:49,909 --> 00:27:48,159

and they would measure how they were

737

00:27:52,310 --> 00:27:49,919

different from statistics statistics

738

00:27:56,149 --> 00:27:52,320

from random under different world events

739

00:27:57,590 --> 00:27:56,159

right and two hours before 9 11 happened

740

00:27:59,590 --> 00:27:57,600

all of the random number generators

741

00:28:01,510 --> 00:27:59,600

started going crazy and they weren't

742

00:28:03,750 --> 00:28:01,520

doing randomness anymore why because it

743

00:28:06,549 --> 00:28:03,760

was a global event that connected us all

744

00:28:07,909 --> 00:28:06,559

mentally okay and it started changing

745

00:28:09,669 --> 00:28:07,919

the randomness of these random event

746

00:28:11,830 --> 00:28:09,679

generators all over the world and that

747

00:28:14,310 --> 00:28:11,840

was two hours before 9 11 before the

748

00:28:16,070 --> 00:28:14,320

plane first plane hits okay so so

749

00:28:18,389 --> 00:28:16,080

there's an amplification effect of group

750

00:28:20,310 --> 00:28:18,399

energy i just want to say that

751

00:28:22,230 --> 00:28:20,320

how we interpret that there's an effect

752

00:28:24,470 --> 00:28:22,240

there and you and you want to include

753

00:28:26,470 --> 00:28:24,480

that in a model which i'm trying to do

754

00:28:27,750 --> 00:28:26,480

and i'm not saying my model is right but

755

00:28:30,310 --> 00:28:27,760

there's an effect there and we need to

756

00:28:32,630 --> 00:28:30,320

look at that

757

00:28:35,190 --> 00:28:32,640

agree with you right so that's another

758

00:28:37,750 --> 00:28:35,200

dean raiden experiment along with roger

759

00:28:40,070 --> 00:28:37,760

nelson and other people but

760

00:28:41,990 --> 00:28:40,080

those are the two primary guys right

761

00:28:43,110 --> 00:28:42,000

here's my point on the on the law of

762

00:28:44,630 --> 00:28:43,120

attraction

763

00:28:47,510 --> 00:28:44,640

i'm not sure

764

00:28:49,590 --> 00:28:47,520

scotch taping a picture of a range rover

765

00:28:51,909 --> 00:28:49,600

to your refrigerator is going to get you

766

00:28:54,310 --> 00:28:51,919

any closer to god

767

00:28:57,190 --> 00:28:54,320

and and i'm not even sure

768

00:28:59,590 --> 00:28:57,200

that it won't impede your progress in

769

00:29:02,310 --> 00:28:59,600

terms of getting closer to god

770

00:29:04,470 --> 00:29:02,320

and i say that to be kind of provocative

771

00:29:06,950 --> 00:29:04,480

in a way because i i think we need to

772

00:29:09,510 --> 00:29:06,960

make a distinction between the physical

773

00:29:10,389 --> 00:29:09,520

the metaphysical and the spiritual

774

00:29:13,350 --> 00:29:10,399

because

775

00:29:15,750 --> 00:29:13,360

a lot of people that i respect who are

776

00:29:17,990 --> 00:29:15,760

in the spiritual camp are kind of

777

00:29:20,549 --> 00:29:18,000

jumping over the metaphysical and saying

778

00:29:23,029 --> 00:29:20,559

don't get too yeah that's real but don't

779

00:29:25,190 --> 00:29:23,039

get too hung up on it and what i hear a

780

00:29:26,710 --> 00:29:25,200

lot out of the law of attraction is yeah

781

00:29:29,029 --> 00:29:26,720

you know take the picture of the range

782

00:29:31,510 --> 00:29:29,039

rover to your refrigerator

783

00:29:32,630 --> 00:29:31,520

i don't think that's the point

784

00:29:33,830 --> 00:29:32,640

yeah

785

00:29:35,430 --> 00:29:33,840

right

786

00:29:37,430 --> 00:29:35,440

well a lot of the law of attraction also

787

00:29:39,590 --> 00:29:37,440

has to do with

788

00:29:41,669 --> 00:29:39,600

what they call the emotional ladder

789

00:29:44,549 --> 00:29:41,679

and most people are stuck

790

00:29:45,990 --> 00:29:44,559

in an area where they're

791

00:29:47,909 --> 00:29:46,000

you know on the bottom half of the lab

792

00:29:50,950 --> 00:29:47,919

which we would consider the more

793

00:29:52,870 --> 00:29:50,960

negative energies more negative emotions

794

00:29:54,310 --> 00:29:52,880

and and part of the story is is they

795

00:29:55,510 --> 00:29:54,320

want to move you to the top of the

796

00:29:57,750 --> 00:29:55,520

ladder so

797

00:29:59,110 --> 00:29:57,760

so part of the big picture of the law of

798

00:30:00,950 --> 00:29:59,120

attraction is

799

00:30:02,149 --> 00:30:00,960

well you have to choose what emotional

800

00:30:03,830 --> 00:30:02,159

state you're in and that's part of your

801
00:30:06,710 --> 00:30:03,840
focus and as soon as you can start

802
00:30:09,510 --> 00:30:06,720
focusing including meditation helps you

803
00:30:11,190 --> 00:30:09,520
gain focus engineering and you know

804
00:30:13,190 --> 00:30:11,200
scientists are very focused because we

805
00:30:15,590 --> 00:30:13,200
have to stay very focused right so those

806
00:30:17,430 --> 00:30:15,600
are all focusing techniques um including

807
00:30:19,430 --> 00:30:17,440
meditation so i would say law of

808
00:30:20,870 --> 00:30:19,440
attraction is about changing your focus

809
00:30:22,870 --> 00:30:20,880
so that you're getting to a more

810
00:30:25,510 --> 00:30:22,880
positive emotional state

811
00:30:26,950 --> 00:30:25,520
and by the way if you have a positive

812
00:30:28,549 --> 00:30:26,960
emotional state

813
00:30:30,470 --> 00:30:28,559

it can be very big

814

00:30:32,549 --> 00:30:30,480

and that can affect and i have a whole

815

00:30:35,029 --> 00:30:32,559

chapter on that in my book

816

00:30:37,190 --> 00:30:35,039

that amplifying a positive emotional

817

00:30:38,070 --> 00:30:37,200

state is the biggest thing that you can

818

00:30:39,190 --> 00:30:38,080

do

819

00:30:41,909 --> 00:30:39,200

to create

820

00:30:43,110 --> 00:30:41,919

a connection to like-minded things

821

00:30:45,669 --> 00:30:43,120

because

822

00:30:49,430 --> 00:30:45,679

think about the complexity of thought

823

00:30:52,310 --> 00:30:49,440

without emotions versus with emotions

824

00:30:54,070 --> 00:30:52,320

if you can amplify the emotional state

825

00:30:56,389 --> 00:30:54,080

then you're going to

826

00:30:58,630 --> 00:30:56,399

succeed in connecting here's i'm going

827

00:31:01,909 --> 00:30:58,640

to give you an example from pre-sentence

828

00:31:03,990 --> 00:31:01,919

if every time you made a choice every

829

00:31:05,190 --> 00:31:04,000

time you made a choice a decision about

830

00:31:07,509 --> 00:31:05,200

something

831

00:31:09,909 --> 00:31:07,519

and then you say oh i should have done

832

00:31:11,990 --> 00:31:09,919

differently there late retrospectively

833

00:31:13,190 --> 00:31:12,000

right but every time you do that and you

834

00:31:15,830 --> 00:31:13,200

and you think that that was the right

835

00:31:18,230 --> 00:31:15,840

choice you should celebrate

836

00:31:19,590 --> 00:31:18,240

why because when you're making from a

837

00:31:21,350 --> 00:31:19,600

retro causation perspective and

838

00:31:23,830 --> 00:31:21,360

pre-sentence perspective

839

00:31:26,310 --> 00:31:23,840

you can feel that success stance that

840

00:31:28,149 --> 00:31:26,320

happy dance in the future

841

00:31:29,830 --> 00:31:28,159

for the path that you took when you're

842

00:31:31,669 --> 00:31:29,840

making the decision

843

00:31:33,269 --> 00:31:31,679

so there is a concrete thing that you

844

00:31:34,389 --> 00:31:33,279

can test you could say

845

00:31:36,070 --> 00:31:34,399

you know

846

00:31:38,710 --> 00:31:36,080

amplify the positive emotions of the

847

00:31:40,389 --> 00:31:38,720

success success choices i've made

848

00:31:41,750 --> 00:31:40,399

and you can make a better decisions

849

00:31:43,590 --> 00:31:41,760

every time you do that it's a it's a

850

00:31:46,310 --> 00:31:43,600

retrocausation application of

851

00:31:48,070 --> 00:31:46,320

retrocausation

852

00:31:50,789 --> 00:31:48,080

and that's law of attraction

853

00:31:53,990 --> 00:31:50,799

that's a law of attraction i i'm not i'm

854

00:31:55,750 --> 00:31:54,000

not convinced that that's right

855

00:31:58,230 --> 00:31:55,760

you'd have to run you'd have to run a

856

00:32:01,029 --> 00:31:58,240

bunch of experiments and prove it to me

857

00:32:04,149 --> 00:32:01,039

you know another skeptico show that i i

858

00:32:07,430 --> 00:32:04,159

sent you and i really like tim grimes

859

00:32:09,350 --> 00:32:07,440

but his book the joy of not thinking

860

00:32:11,269 --> 00:32:09,360

and he writes a lot he writes a lot

861

00:32:13,190 --> 00:32:11,279

about law of attraction but his

862

00:32:14,870 --> 00:32:13,200

interpretation law of interaction is a

863

00:32:16,789 --> 00:32:14,880

lot closer to mine

864

00:32:18,950 --> 00:32:16,799

it's a lot closer to the spiritual

865

00:32:21,269 --> 00:32:18,960

interpretation of it which is the

866

00:32:24,549 --> 00:32:21,279

fundamental spiritual questions is

867

00:32:27,029 --> 00:32:24,559

who am i and the related question for us

868

00:32:29,190 --> 00:32:27,039

in a modern age is who have i become

869

00:32:31,909 --> 00:32:29,200

what has that monkey mind that's

870

00:32:34,149 --> 00:32:31,919

constantly racing around and being

871

00:32:37,430 --> 00:32:34,159

active and has this myth of progress

872

00:32:41,190 --> 00:32:37,440

mentality what has that made me think i

873

00:32:43,509 --> 00:32:41,200

am so for tim i think and my interpreter

874

00:32:46,549 --> 00:32:43,519

the law of attraction is

875

00:32:49,430 --> 00:32:46,559

only go as far as your first

876

00:32:51,830 --> 00:32:49,440

point doug which is that the science

877

00:32:55,750 --> 00:32:51,840

seems to be pointing to

878

00:32:57,909 --> 00:32:55,760

an ultimate reality to law of attraction

879

00:32:59,909 --> 00:32:57,919

but we don't have the foggiest freaking

880

00:33:02,470 --> 00:32:59,919

idea what that means

881

00:33:04,789 --> 00:33:02,480

and to try and operationalize it at this

882

00:33:07,029 --> 00:33:04,799

point to try and find minis at this

883

00:33:08,549 --> 00:33:07,039

point to try and shut up and calculate

884

00:33:11,350 --> 00:33:08,559

at this point

885

00:33:13,750 --> 00:33:11,360

we're just not anywhere close to it and

886

00:33:15,990 --> 00:33:13,760

as soon as we think we are we have all

887

00:33:17,830 --> 00:33:16,000

these human factors that kind of get in

888

00:33:19,669 --> 00:33:17,840

the way well

889

00:33:21,830 --> 00:33:19,679

this idea of stopping and thinking i

890

00:33:24,870 --> 00:33:21,840

think is is really like a critical idea

891

00:33:26,789 --> 00:33:24,880

okay so i i'm agreeing with this guy and

892

00:33:29,269 --> 00:33:26,799

when i talk about meditation

893

00:33:31,110 --> 00:33:29,279

the purpose of meditation

894

00:33:33,029 --> 00:33:31,120

is to stop thinking

895

00:33:34,710 --> 00:33:33,039

most people don't get there in fact i'm

896

00:33:36,870 --> 00:33:34,720

not very good at it

897

00:33:38,630 --> 00:33:36,880

and the point is if you meditate and

898

00:33:41,269 --> 00:33:38,640

then all of a sudden you realize that

899

00:33:42,549 --> 00:33:41,279

you haven't been sleeping

900

00:33:44,630 --> 00:33:42,559

because you're sitting up you're not

901
00:33:46,870 --> 00:33:44,640
sleeping and all of a sudden an hour is

902
00:33:47,750 --> 00:33:46,880
gone and you have no sense of time

903
00:33:49,909 --> 00:33:47,760
happening

904
00:33:51,669 --> 00:33:49,919
you you've actually kind of like stepped

905
00:33:52,630 --> 00:33:51,679
out of time and you're in a no thought

906
00:33:56,070 --> 00:33:52,640
zone

907
00:33:57,190 --> 00:33:56,080
and and and a lot of ancient meditation

908
00:33:58,870 --> 00:33:57,200
techniques that they didn't know

909
00:34:00,950 --> 00:33:58,880
anything about quantum computing

910
00:34:03,509 --> 00:34:00,960
get to the place of the void the no

911
00:34:04,470 --> 00:34:03,519
thought perspective okay

912
00:34:07,269 --> 00:34:04,480
and

913
00:34:09,510 --> 00:34:07,279

from that perspective

914

00:34:12,149 --> 00:34:09,520

you essentially you're

915

00:34:13,829 --> 00:34:12,159

you're i guess you're like a god because

916

00:34:16,069 --> 00:34:13,839

you're not in time anymore you're

917

00:34:18,230 --> 00:34:16,079

touching everything at once

918

00:34:20,230 --> 00:34:18,240

you've stepped out of space and time

919

00:34:22,629 --> 00:34:20,240

and so

920

00:34:23,909 --> 00:34:22,639

thought really a lot of our thought is

921

00:34:26,550 --> 00:34:23,919

sequential

922

00:34:28,550 --> 00:34:26,560

and if you step out of time then you're

923

00:34:30,069 --> 00:34:28,560

not thinking anymore you're in this no

924

00:34:30,869 --> 00:34:30,079

thought zone

925

00:34:33,190 --> 00:34:30,879

and

926
00:34:34,389 --> 00:34:33,200
that is the state of beingness you would

927
00:34:35,430 --> 00:34:34,399
call it

928
00:34:38,710 --> 00:34:35,440
okay

929
00:34:40,869 --> 00:34:38,720
but that beingness i talk about it

930
00:34:42,389 --> 00:34:40,879
in my book i call it verb noun that

931
00:34:44,790 --> 00:34:42,399
beingness

932
00:34:47,510 --> 00:34:44,800
is is a noun it's the state that you're

933
00:34:49,589 --> 00:34:47,520
in but it's also a verb in the sense

934
00:34:51,510 --> 00:34:49,599
that it can affect whatever state you're

935
00:34:54,389 --> 00:34:51,520
in can affect

936
00:34:56,470 --> 00:34:54,399
people around you and and

937
00:34:58,069 --> 00:34:56,480
your reality your sense of reality and

938
00:35:00,150 --> 00:34:58,079

who you are it can

939

00:35:02,069 --> 00:35:00,160

it does all those things so you have to

940

00:35:05,349 --> 00:35:02,079

have a model of no thought as well as

941

00:35:07,589 --> 00:35:05,359

thought okay and

942

00:35:09,829 --> 00:35:07,599

that's part of the

943

00:35:12,230 --> 00:35:09,839

maybe it's part of the system part of

944

00:35:13,510 --> 00:35:12,240

the part of my model that is least

945

00:35:15,589 --> 00:35:13,520

well-defined

946

00:35:18,470 --> 00:35:15,599

but no thought definitely has to do with

947

00:35:20,630 --> 00:35:18,480

not being in time okay and a lot of my

948

00:35:22,310 --> 00:35:20,640

model has to do with how do you step out

949

00:35:25,109 --> 00:35:22,320

of time because that's probably the real

950

00:35:26,950 --> 00:35:25,119

critical aspect of what i'm trying to do

951

00:35:29,190 --> 00:35:26,960

with this model is is to look at

952

00:35:31,109 --> 00:35:29,200

temporal mechanics right

953

00:35:34,470 --> 00:35:31,119

and temporal mechanics is the key to all

954

00:35:36,390 --> 00:35:34,480

of this okay i definitely

955

00:35:38,950 --> 00:35:36,400

applaud the fact that you're pushing

956

00:35:40,630 --> 00:35:38,960

things in this direction what i always

957

00:35:42,630 --> 00:35:40,640

kind of look out for though is kind of

958

00:35:46,230 --> 00:35:42,640

the backdoor materialism

959

00:35:49,109 --> 00:35:46,240

yeah now i got it so let me turn it into

960

00:35:51,589 --> 00:35:49,119

something that i can

961

00:35:53,349 --> 00:35:51,599

engineer but i tell you what that this

962

00:35:56,390 --> 00:35:53,359

is kind of a really interesting point in

963

00:35:58,390 --> 00:35:56,400

the interview for me because i think

964

00:36:01,030 --> 00:35:58,400

we've brought it up to the point where

965

00:36:02,230 --> 00:36:01,040

we're ready to talk about

966

00:36:04,230 --> 00:36:02,240

google

967

00:36:06,550 --> 00:36:04,240

and their strong ai

968

00:36:09,670 --> 00:36:06,560

and the interview i did with andrew

969

00:36:12,150 --> 00:36:09,680

smart and your input into that interview

970

00:36:13,910 --> 00:36:12,160

which was to really sharpen our focus

971

00:36:15,910 --> 00:36:13,920

because this is the topic now i think

972

00:36:18,550 --> 00:36:15,920

that people can start digging their

973

00:36:20,870 --> 00:36:18,560

teeth into because it's hitting us right

974

00:36:22,630 --> 00:36:20,880

where we live kind of stuff are robots

975

00:36:25,670 --> 00:36:22,640

going to take over the world are we

976
00:36:28,630 --> 00:36:25,680
living in a simulation uh to what extent

977
00:36:31,109 --> 00:36:28,640
are our freedoms being manipulated and

978
00:36:33,589 --> 00:36:31,119
socially engineered by what we search

979
00:36:36,230 --> 00:36:33,599
for what pops up in our ads

980
00:36:39,109 --> 00:36:36,240
and all this other stuff so i guess the

981
00:36:40,390 --> 00:36:39,119
question that i kind of hit andrew with

982
00:36:43,670 --> 00:36:40,400
at one point

983
00:36:44,950 --> 00:36:43,680
and that's the turing test

984
00:36:47,750 --> 00:36:44,960
versus

985
00:36:49,030 --> 00:36:47,760
what i call the soul phone test

986
00:36:50,950 --> 00:36:49,040
yeah

987
00:36:52,630 --> 00:36:50,960
and then the third is what i'd call the

988
00:36:53,670 --> 00:36:52,640

god test

989

00:36:56,950 --> 00:36:53,680

so

990

00:36:58,950 --> 00:36:56,960

i i i can expound on those more but

991

00:37:00,790 --> 00:36:58,960

you're smiling like you already kind of

992

00:37:01,829 --> 00:37:00,800

get where i'm going with that so why

993

00:37:03,910 --> 00:37:01,839

don't you

994

00:37:05,030 --> 00:37:03,920

take over and and tell me what you're

995

00:37:09,270 --> 00:37:05,040

thinking

996

00:37:10,870 --> 00:37:09,280

well you know ai and ai right

997

00:37:12,390 --> 00:37:10,880

is trying to mimic the brain and they

998

00:37:13,910 --> 00:37:12,400

say well the brain is classical computer

999

00:37:15,589 --> 00:37:13,920

so we should be able to

1000

00:37:17,589 --> 00:37:15,599

to build a computer that does the same

1001

00:37:18,790 --> 00:37:17,599

thing right well if that's a false

1002

00:37:21,510 --> 00:37:18,800

assumption then you have to say well

1003

00:37:23,030 --> 00:37:21,520

what is ai doing and how is what the

1004

00:37:25,670 --> 00:37:23,040

brain is doing differently than that

1005

00:37:27,349 --> 00:37:25,680

right so this this is the first step of

1006

00:37:30,230 --> 00:37:27,359

this discussion about

1007

00:37:32,870 --> 00:37:30,240

what what about ai well i believe that

1008

00:37:34,069 --> 00:37:32,880

ai is simulating a high dimensional

1009

00:37:36,630 --> 00:37:34,079

space

1010

00:37:38,790 --> 00:37:36,640

and it's useful it's simulating it

1011

00:37:41,910 --> 00:37:38,800

but i believe that the human mind

1012

00:37:43,910 --> 00:37:41,920

actually has a high dimensional space a

1013

00:37:46,230 --> 00:37:43,920

quantum high dimensional space

1014

00:37:48,390 --> 00:37:46,240

and any time is as you know feynman has

1015

00:37:50,150 --> 00:37:48,400

said you know and other people have said

1016

00:37:52,470 --> 00:37:50,160

that if you're trying to simulate a

1017

00:37:55,430 --> 00:37:52,480

quantum system you need a quantum system

1018

00:37:56,470 --> 00:37:55,440

to do it you can't simulate that's what

1019

00:37:58,470 --> 00:37:56,480

this

1020

00:37:59,670 --> 00:37:58,480

quantum supremacy thing is all about as

1021

00:38:02,069 --> 00:37:59,680

soon as you get to a certain size

1022

00:38:04,069 --> 00:38:02,079

problem you can't simulate it anymore

1023

00:38:05,990 --> 00:38:04,079

you can only actually have a physical

1024

00:38:08,150 --> 00:38:06,000

quantum system to do it and the reason

1025

00:38:10,069 --> 00:38:08,160

is you actually have the quantum

1026

00:38:11,990 --> 00:38:10,079

dimensions there in the quantum computer

1027

00:38:13,829 --> 00:38:12,000

where if otherwise you're simulating the

1028

00:38:15,349 --> 00:38:13,839

quantum dimensions right it's a big

1029

00:38:16,829 --> 00:38:15,359

difference right

1030

00:38:18,870 --> 00:38:16,839

and

1031

00:38:21,270 --> 00:38:18,880

specifically the same thing is true for

1032

00:38:23,589 --> 00:38:21,280

ai they're simulating a high dimensional

1033

00:38:26,470 --> 00:38:23,599

space they don't actually have one

1034

00:38:28,390 --> 00:38:26,480

so they would fail the turing test about

1035

00:38:29,910 --> 00:38:28,400

performance

1036

00:38:31,030 --> 00:38:29,920

the turing test you could say well what

1037

00:38:32,470 --> 00:38:31,040

kind of turing tests are we talking

1038

00:38:35,109 --> 00:38:32,480

about well if it's some simple thing

1039

00:38:36,630 --> 00:38:35,119

that's closed hey you can easily win it

1040

00:38:38,550 --> 00:38:36,640

but now you know

1041

00:38:40,550 --> 00:38:38,560

what was the guy andrew said well we're

1042

00:38:42,790 --> 00:38:40,560

going to put the drawing test for lsd

1043

00:38:45,589 --> 00:38:42,800

right or the turing test for remote

1044

00:38:47,430 --> 00:38:45,599

viewing or the curing test for

1045

00:38:49,109 --> 00:38:47,440

near-death experiences you pick what

1046

00:38:50,150 --> 00:38:49,119

level of turing test you want to have

1047

00:38:51,270 --> 00:38:50,160

right

1048

00:38:55,510 --> 00:38:51,280

and so

1049

00:38:57,109 --> 00:38:55,520

model it's big enough to include

1050

00:38:59,670 --> 00:38:57,119

all possible turing tests that we can

1051
00:39:01,109 --> 00:38:59,680
imagine then you realize well then you

1052
00:39:04,390 --> 00:39:01,119
can't actually

1053
00:39:06,790 --> 00:39:04,400
have a simulated

1054
00:39:08,950 --> 00:39:06,800
um consciousness you actually have to

1055
00:39:11,270 --> 00:39:08,960
have those dimensions there right

1056
00:39:14,550 --> 00:39:11,280
and part of the book is going through

1057
00:39:16,790 --> 00:39:14,560
that story in a more you know concise

1058
00:39:18,310 --> 00:39:16,800
step-by-step way to get you to the point

1059
00:39:20,310 --> 00:39:18,320
where you go oh if we really have high

1060
00:39:21,510 --> 00:39:20,320
dimensional space and consciousness and

1061
00:39:22,950 --> 00:39:21,520
mind is really part of that high

1062
00:39:25,190 --> 00:39:22,960
dimensional space well no wonder we're

1063
00:39:26,870 --> 00:39:25,200

so smart and in fact

1064

00:39:29,109 --> 00:39:26,880

i could argue that we wouldn't

1065

00:39:30,870 --> 00:39:29,119

evolutionary wise we wouldn't exist

1066

00:39:32,870 --> 00:39:30,880

unless it did

1067

00:39:34,470 --> 00:39:32,880

and people like

1068

00:39:36,470 --> 00:39:34,480

rupert sheldrick is saying morphogenic

1069

00:39:38,630 --> 00:39:36,480

resonant uses the same thing it's kind

1070

00:39:40,870 --> 00:39:38,640

of like morphogenic resonance is the law

1071

00:39:42,550 --> 00:39:40,880

of attraction at the molecular level so

1072

00:39:43,829 --> 00:39:42,560

if you say well molecular you know law

1073

00:39:46,710 --> 00:39:43,839

of attraction you don't believe in it

1074

00:39:48,790 --> 00:39:46,720

well do you believe in evolution and

1075

00:39:50,470 --> 00:39:48,800

your dna and law of attract you know

1076
00:39:52,630 --> 00:39:50,480
morphogenic resonance it's the same

1077
00:39:54,470 --> 00:39:52,640
thing so you've got to tie all these

1078
00:39:55,910 --> 00:39:54,480
things together and if you don't you're

1079
00:39:57,910 --> 00:39:55,920
only like solving part of the problem

1080
00:39:59,750 --> 00:39:57,920
you're not solving the whole problem so

1081
00:40:01,589 --> 00:39:59,760
so how's that for a big enough swatch at

1082
00:40:04,710 --> 00:40:01,599
you that's your question

1083
00:40:06,069 --> 00:40:04,720
perfect it was great and uh i

1084
00:40:07,109 --> 00:40:06,079
i want to pick up on the last thing you

1085
00:40:09,670 --> 00:40:07,119
said because i think it's super

1086
00:40:12,390 --> 00:40:09,680
important although it's kind of

1087
00:40:13,829 --> 00:40:12,400
abstract obtuse a little bit in that if

1088
00:40:15,349 --> 00:40:13,839

you can't tie it all together you have

1089

00:40:16,870 --> 00:40:15,359

to tie it all together

1090

00:40:19,750 --> 00:40:16,880

and we

1091

00:40:21,589 --> 00:40:19,760

right it somehow perfect yeah

1092

00:40:23,510 --> 00:40:21,599

hey i don't even know that i my answer

1093

00:40:24,790 --> 00:40:23,520

is right but i'm at least saying here is

1094

00:40:26,069 --> 00:40:24,800

part of the problem that we're trying to

1095

00:40:27,589 --> 00:40:26,079

solve the whole problem that we're

1096

00:40:31,430 --> 00:40:27,599

trying to solve not part of great and

1097

00:40:33,270 --> 00:40:31,440

that's what i really respect because

1098

00:40:34,790 --> 00:40:33,280

i'm going to try and put it together

1099

00:40:36,790 --> 00:40:34,800

differently but

1100

00:40:38,790 --> 00:40:36,800

before i do that i got to at least say

1101
00:40:41,190 --> 00:40:38,800
at least this guy is

1102
00:40:42,309 --> 00:40:41,200
framed up the problem

1103
00:40:43,750 --> 00:40:42,319
in a different

1104
00:40:46,710 --> 00:40:43,760
way trying to

1105
00:40:49,109 --> 00:40:46,720
in a way that that is obviously a step

1106
00:40:50,790 --> 00:40:49,119
forward and again the step forward is

1107
00:40:53,430 --> 00:40:50,800
you're at least dealing with extended

1108
00:40:55,510 --> 00:40:53,440
consciousness which is a reality you're

1109
00:40:57,829 --> 00:40:55,520
at least your connection between morphic

1110
00:41:00,150 --> 00:40:57,839
genetic morphogenetic fields and law of

1111
00:41:02,630 --> 00:41:00,160
attraction is brilliant i mean you're

1112
00:41:04,150 --> 00:41:02,640
one thousand percent right it's you can

1113
00:41:05,990 --> 00:41:04,160

believe in the law of attraction or not

1114

00:41:07,670 --> 00:41:06,000

believe in the law of attraction but

1115

00:41:09,349 --> 00:41:07,680

there's a reality there that is

1116

00:41:11,670 --> 00:41:09,359

supported by the science that you can't

1117

00:41:13,270 --> 00:41:11,680

kind of get away from the problem is

1118

00:41:15,670 --> 00:41:13,280

again the range rover on the

1119

00:41:18,069 --> 00:41:15,680

refrigerator and the way that translates

1120

00:41:20,630 --> 00:41:18,079

to me back to the turing test is i think

1121

00:41:22,069 --> 00:41:20,640

the turing test is incredibly useful and

1122

00:41:25,990 --> 00:41:22,079

let's again remind people what the

1123

00:41:29,030 --> 00:41:26,000

turing test is if i can write a computer

1124

00:41:31,510 --> 00:41:29,040

program that fools you into thinking

1125

00:41:32,790 --> 00:41:31,520

that i'm intelligent then i'm

1126

00:41:35,270 --> 00:41:32,800

intelligent

1127

00:41:38,550 --> 00:41:35,280

that's it yeah in some domain

1128

00:41:41,670 --> 00:41:38,560

forget even the domain it's like

1129

00:41:43,750 --> 00:41:41,680

that's the basics of the idea and i

1130

00:41:46,829 --> 00:41:43,760

think with what that's what's useful

1131

00:41:50,390 --> 00:41:46,839

about that is it kind of provides a

1132

00:41:53,109 --> 00:41:50,400

baseline of cognitive ability that we're

1133

00:41:55,750 --> 00:41:53,119

a lot of times afraid to go to you know

1134

00:41:58,630 --> 00:41:55,760

so the example i always use is like uh

1135

00:42:00,470 --> 00:41:58,640

online chess you know so like you can do

1136

00:42:03,829 --> 00:42:00,480

the touring test

1137

00:42:06,630 --> 00:42:03,839

anytime you want just log on to

1138

00:42:07,829 --> 00:42:06,640

an online chess portal and play the

1139

00:42:09,910 --> 00:42:07,839

computer

1140

00:42:13,030 --> 00:42:09,920

and pretend that you don't know if

1141

00:42:14,790 --> 00:42:13,040

there's a person there or a computer and

1142

00:42:16,950 --> 00:42:14,800

then you'll go wow

1143

00:42:19,990 --> 00:42:16,960

this guy i'm playing or this girl i'm

1144

00:42:23,109 --> 00:42:20,000

playing is super smart i can never even

1145

00:42:25,990 --> 00:42:23,119

get a game off this person well i i

1146

00:42:28,630 --> 00:42:26,000

think that's a pretty useful baseline in

1147

00:42:30,630 --> 00:42:28,640

terms of cognitive capabilities and i

1148

00:42:33,510 --> 00:42:30,640

think the problem one of the problems

1149

00:42:36,630 --> 00:42:33,520

that it really brings up is that

1150

00:42:39,510 --> 00:42:36,640

we can see in these narrow areas you

1151
00:42:41,829 --> 00:42:39,520
call the domain you know in these narrow

1152
00:42:43,829 --> 00:42:41,839
domains which i don't think are that

1153
00:42:45,030 --> 00:42:43,839
narrow and i think there's more and more

1154
00:42:49,589 --> 00:42:45,040
of them

1155
00:42:51,510 --> 00:42:49,599
every day that are popping up that are

1156
00:42:53,430 --> 00:42:51,520
below our level because they're not

1157
00:42:55,750 --> 00:42:53,440
putting them in our face they're just

1158
00:42:57,349 --> 00:42:55,760
implementing them and using them so

1159
00:42:59,190 --> 00:42:57,359
whether it's search or whether it's all

1160
00:43:01,190 --> 00:42:59,200
this other stuff we could talk about

1161
00:43:01,990 --> 00:43:01,200
what do we do with the fact that you

1162
00:43:04,950 --> 00:43:02,000
know

1163
00:43:07,829 --> 00:43:04,960

if you advance even in a narrow domain

1164

00:43:11,190 --> 00:43:07,839

the cognitive capabilities of an

1165

00:43:13,190 --> 00:43:11,200

artificial intelligence that is powerful

1166

00:43:15,030 --> 00:43:13,200

and you tie that to the diversity

1167

00:43:17,349 --> 00:43:15,040

problem and it's

1168

00:43:20,870 --> 00:43:17,359

it's like there's a lot of power there

1169

00:43:23,589 --> 00:43:20,880

well i see a common theme about from you

1170

00:43:26,309 --> 00:43:23,599

in in in our conversations and other

1171

00:43:29,190 --> 00:43:26,319

conversations about you know people

1172

00:43:31,349 --> 00:43:29,200

abusing their technology and power

1173

00:43:34,069 --> 00:43:31,359

you know and so i think that's part of

1174

00:43:35,910 --> 00:43:34,079

your concern about the big companies who

1175

00:43:38,069 --> 00:43:35,920

have control over

1176

00:43:39,829 --> 00:43:38,079

many facets of our life you know the

1177

00:43:41,349 --> 00:43:39,839

microsofts and the googles and the who

1178

00:43:42,630 --> 00:43:41,359

else you know who else is doing the

1179

00:43:45,510 --> 00:43:42,640

facebooks

1180

00:43:47,910 --> 00:43:45,520

and so i so i respect that

1181

00:43:49,750 --> 00:43:47,920

any technology

1182

00:43:51,109 --> 00:43:49,760

as simple as simple as like facial

1183

00:43:53,589 --> 00:43:51,119

recognition

1184

00:43:55,990 --> 00:43:53,599

you know can be abused

1185

00:43:57,270 --> 00:43:56,000

right you think oh that would be good

1186

00:44:00,069 --> 00:43:57,280

but

1187

00:44:02,309 --> 00:44:00,079

same thing with dna people are

1188

00:44:04,150 --> 00:44:02,319

putting their dna in these these

1189

00:44:05,589 --> 00:44:04,160

databases and now all of a sudden

1190

00:44:07,430 --> 00:44:05,599

they're having

1191

00:44:10,069 --> 00:44:07,440

consequences from that they're finding

1192

00:44:12,550 --> 00:44:10,079

some relative they had was is was you

1193

00:44:14,150 --> 00:44:12,560

know was was bad you know unintended

1194

00:44:16,390 --> 00:44:14,160

consequences so the question is how do

1195

00:44:17,589 --> 00:44:16,400

we how do we take any technology and not

1196

00:44:19,430 --> 00:44:17,599

abuse it

1197

00:44:20,950 --> 00:44:19,440

and that's a concern i hear that's a

1198

00:44:22,870 --> 00:44:20,960

concern for you and it's a concern for

1199

00:44:25,030 --> 00:44:22,880

me too so

1200

00:44:27,349 --> 00:44:25,040

though

1201

00:44:29,910 --> 00:44:27,359

that's great that's not that's not my

1202

00:44:31,990 --> 00:44:29,920

concern and and if if there is a i mean

1203

00:44:32,950 --> 00:44:32,000

no it is in that subject though right

1204

00:44:34,550 --> 00:44:32,960

you're interested in that subject

1205

00:44:36,309 --> 00:44:34,560

whether it's a concern you're interested

1206

00:44:39,270 --> 00:44:36,319

in that right because a lot here's where

1207

00:44:42,550 --> 00:44:39,280

i go with that and if this is a re-run

1208

00:44:44,470 --> 00:44:42,560

recurring theme through our conversation

1209

00:44:49,270 --> 00:44:44,480

then great because bringing it to the

1210

00:44:51,990 --> 00:44:49,280

surface maybe moves us forward is that

1211

00:44:53,430 --> 00:44:52,000

i think sometimes you stop at the

1212

00:44:55,829 --> 00:44:53,440

metaphysical

1213

00:44:58,390 --> 00:44:55,839

and not and aren't fully considering the

1214

00:45:00,790 --> 00:44:58,400

spiritual so i wrote a book a couple

1215

00:45:05,270 --> 00:45:00,800

years ago why evil matters i think this

1216

00:45:07,829 --> 00:45:05,280

is a why evil matters question yeah

1217

00:45:10,069 --> 00:45:07,839

because google is in the social

1218

00:45:12,950 --> 00:45:10,079

engineering business

1219

00:45:15,589 --> 00:45:12,960

whether they like it or not

1220

00:45:17,990 --> 00:45:15,599

because no matter how they do their

1221

00:45:20,230 --> 00:45:18,000

search thing and no matter who we all

1222

00:45:23,670 --> 00:45:20,240

see it right we go to duckduckgo if we

1223

00:45:26,790 --> 00:45:23,680

want a legit search and we'd let google

1224

00:45:29,109 --> 00:45:26,800

kind of wikipedia it if we don't care or

1225

00:45:31,589 --> 00:45:29,119

if it's some generic kind of thing

1226

00:45:32,470 --> 00:45:31,599

they demonetize they

1227

00:45:34,470 --> 00:45:32,480

are

1228

00:45:36,630 --> 00:45:34,480

incredibly politically kind of

1229

00:45:39,750 --> 00:45:36,640

influenced but here's the question doug

1230

00:45:42,550 --> 00:45:39,760

the question is are they evil

1231

00:45:45,270 --> 00:45:42,560

are they uh you know i i always

1232

00:45:48,710 --> 00:45:45,280

reference uh annika lucas the woman i

1233

00:45:51,750 --> 00:45:48,720

interviewed part of the dutrow cult in

1234

00:45:54,550 --> 00:45:51,760

belgium six years old sold into a

1235

00:45:56,870 --> 00:45:54,560

satanic ritual so and i always bring

1236

00:45:59,510 --> 00:45:56,880

that up with people because i get people

1237

00:46:03,430 --> 00:45:59,520

uh and then they go oh no that's

1238

00:46:06,230 --> 00:46:03,440

evil i get it so in this extended realm

1239

00:46:07,589 --> 00:46:06,240

there are these forces we don't know

1240

00:46:11,270 --> 00:46:07,599

what that is we don't know what the

1241

00:46:14,390 --> 00:46:11,280

extended realm is but there is evil

1242

00:46:17,190 --> 00:46:14,400

and that is a super important point

1243

00:46:19,430 --> 00:46:17,200

because then the issue is not really

1244

00:46:22,950 --> 00:46:19,440

you know is google in the social

1245

00:46:26,710 --> 00:46:22,960

engineering business the question is

1246

00:46:29,030 --> 00:46:26,720

are the people behind the a i

1247

00:46:30,710 --> 00:46:29,040

evil that's ultimately what we want to

1248

00:46:32,550 --> 00:46:30,720

know yeah

1249

00:46:35,030 --> 00:46:32,560

so here i'll ask you the question a

1250

00:46:36,390 --> 00:46:35,040

follow-up question for you

1251
00:46:38,150 --> 00:46:36,400
is it evil

1252
00:46:40,150 --> 00:46:38,160
because they

1253
00:46:42,950 --> 00:46:40,160
purposely did this

1254
00:46:45,030 --> 00:46:42,960
to manage those choices or was it

1255
00:46:46,790 --> 00:46:45,040
accidental and they didn't realize the

1256
00:46:47,910 --> 00:46:46,800
logical consequences of it that's what i

1257
00:46:49,349 --> 00:46:47,920
was trying to talk about logical

1258
00:46:51,910 --> 00:46:49,359
consequences right

1259
00:46:54,470 --> 00:46:51,920
and so so which which one is which one

1260
00:46:56,309 --> 00:46:54,480
is evil are all all applications of that

1261
00:46:58,390 --> 00:46:56,319
technology evil or only the ones that

1262
00:47:00,309 --> 00:46:58,400
they consciously made the choice to to

1263
00:47:03,349 --> 00:47:00,319

manipulate people with it

1264

00:47:06,069 --> 00:47:03,359

i think in order to answer that question

1265

00:47:09,030 --> 00:47:06,079

we have to move another level up you

1266

00:47:11,589 --> 00:47:09,040

know so you moved us you moved us from

1267

00:47:14,470 --> 00:47:11,599

the physical computing to the

1268

00:47:16,630 --> 00:47:14,480

metaphysical and that's the good thing

1269

00:47:19,589 --> 00:47:16,640

but then the next level up is the

1270

00:47:21,990 --> 00:47:19,599

spiritual and that's why i said the soul

1271

00:47:25,430 --> 00:47:22,000

phone thing and i don't know if you had

1272

00:47:28,549 --> 00:47:25,440

a chance to kind of look at that but

1273

00:47:32,470 --> 00:47:30,630

so do you know who gary schwartz is at

1274

00:47:35,270 --> 00:47:32,480

the university of arizona

1275

00:47:36,950 --> 00:47:35,280

okay and do you know uh mart's mark

1276

00:47:39,910 --> 00:47:36,960

pitstick are you familiar with the soul

1277

00:47:41,270 --> 00:47:39,920

phone i i've heard the term yeah and i

1278

00:47:43,030 --> 00:47:41,280

think from something that you've told me

1279

00:47:44,069 --> 00:47:43,040

about it

1280

00:47:46,150 --> 00:47:44,079

and yeah

1281

00:47:47,750 --> 00:47:46,160

so gary and mark

1282

00:47:49,589 --> 00:47:47,760

have done

1283

00:47:50,870 --> 00:47:49,599

what you beautifully summarized the last

1284

00:47:53,270 --> 00:47:50,880

time around

1285

00:47:55,990 --> 00:47:53,280

taken like dean raden's ex double slit

1286

00:47:57,910 --> 00:47:56,000

consciousness experiment said okay

1287

00:48:00,150 --> 00:47:57,920

we'll put it in a box here and we'll

1288

00:48:03,910 --> 00:48:00,160

just and now we can measure

1289

00:48:06,390 --> 00:48:03,920

whether there's an outside effect by two

1290

00:48:07,670 --> 00:48:06,400

and now wouldn't it be great if we could

1291

00:48:09,990 --> 00:48:07,680

talk to

1292

00:48:11,750 --> 00:48:10,000

disincarnated spirits wouldn't it be

1293

00:48:13,589 --> 00:48:11,760

great if you could talk to your dad

1294

00:48:15,030 --> 00:48:13,599

who's passed away wouldn't it be great

1295

00:48:17,430 --> 00:48:15,040

if you could talk to your grandfather

1296

00:48:18,870 --> 00:48:17,440

and let's put a keyboard on this thing

1297

00:48:20,710 --> 00:48:18,880

which is one of the things they god

1298

00:48:23,270 --> 00:48:20,720

depleted

1299

00:48:25,910 --> 00:48:23,280

to me this is classic otherwise it's

1300

00:48:27,030 --> 00:48:25,920

otherwise it's morse code right

1301

00:48:29,670 --> 00:48:27,040

well

1302

00:48:31,670 --> 00:48:29,680

no no the other otherwise it's uh yes no

1303

00:48:34,630 --> 00:48:31,680

questions yeah right

1304

00:48:37,750 --> 00:48:34,640

it's a misstep in my opinion because

1305

00:48:40,870 --> 00:48:37,760

we're not it's it's substituting the

1306

00:48:44,549 --> 00:48:40,880

metaphysical for the spiritual

1307

00:48:48,069 --> 00:48:44,559

we don't understand what these extended

1308

00:48:51,910 --> 00:48:48,079

realms are we don't understand the mind

1309

00:48:54,549 --> 00:48:51,920

of god we can try and get closer to

1310

00:48:56,790 --> 00:48:54,559

doing that and that can inform how we

1311

00:48:58,390 --> 00:48:56,800

might look at the metaphysical but we

1312

00:49:01,510 --> 00:48:58,400

can't start

1313

00:49:03,990 --> 00:49:01,520

with the you know shut up and calculate

1314

00:49:05,829 --> 00:49:04,000

thing first d do you

1315

00:49:10,069 --> 00:49:05,839

do you feel me on that or do you agree

1316

00:49:11,430 --> 00:49:10,079

or disagree no i i i agree and and

1317

00:49:13,349 --> 00:49:11,440

you know if you look at the soul phone

1318

00:49:14,470 --> 00:49:13,359

they're trying to do what our brain is

1319

00:49:16,230 --> 00:49:14,480

doing right

1320

00:49:18,150 --> 00:49:16,240

somehow our conscious if you believe

1321

00:49:20,309 --> 00:49:18,160

that the consciousness and spiritual

1322

00:49:22,549 --> 00:49:20,319

being who we are separate from our brain

1323

00:49:24,470 --> 00:49:22,559

you go well somehow the brain

1324

00:49:27,109 --> 00:49:24,480

allows us to interact

1325

00:49:29,109 --> 00:49:27,119

with that consciousness and that soul

1326

00:49:30,790 --> 00:49:29,119

and that spiritualness of us and

1327

00:49:32,710 --> 00:49:30,800

sometimes we get insights from our

1328

00:49:35,030 --> 00:49:32,720

higher self or whoever

1329

00:49:36,309 --> 00:49:35,040

um and it shows up in our life you know

1330

00:49:40,390 --> 00:49:36,319

we

1331

00:49:42,470 --> 00:49:40,400

therefore

1332

00:49:45,670 --> 00:49:42,480

we we miss getting run over by a truck

1333

00:49:48,069 --> 00:49:45,680

you know something like that you know

1334

00:49:50,150 --> 00:49:48,079

those kinds of coincidences right

1335

00:49:51,910 --> 00:49:50,160

so the point is is that the soul phone

1336

00:49:54,870 --> 00:49:51,920

is just trying to do what any pk

1337

00:49:57,109 --> 00:49:54,880

experiment is it says how do we get to

1338

00:50:00,390 --> 00:49:57,119

the fidelity that we have with our mind

1339

00:50:02,150 --> 00:50:00,400

and brain where it's very high bandwidth

1340

00:50:04,470 --> 00:50:02,160

so high bandwidth that i can move my

1341

00:50:06,470 --> 00:50:04,480

finger when i want to i can blink my

1342

00:50:09,750 --> 00:50:06,480

eyes when i want to i can move around in

1343

00:50:12,950 --> 00:50:09,760

the physical world what if we had

1344

00:50:15,190 --> 00:50:12,960

an electronic device that was just has

1345

00:50:16,150 --> 00:50:15,200

the same fidelity as sort of as a blank

1346

00:50:18,069 --> 00:50:16,160

brain

1347

00:50:19,990 --> 00:50:18,079

and we could have souls visit in there

1348

00:50:23,430 --> 00:50:20,000

and they could like communicate with us

1349

00:50:26,309 --> 00:50:23,440

i mean i've had that idea i mean that's

1350

00:50:28,150 --> 00:50:26,319

people would want to talk to people okay

1351

00:50:30,549 --> 00:50:28,160

well we already sort of have that we

1352

00:50:32,390 --> 00:50:30,559

have them we have channels

1353

00:50:34,069 --> 00:50:32,400

we have people who have who can

1354

00:50:36,390 --> 00:50:34,079

communicate with souls because they're

1355

00:50:38,069 --> 00:50:36,400

kind of like having this conversation on

1356

00:50:39,270 --> 00:50:38,079

both sides of the fence

1357

00:50:42,870 --> 00:50:39,280

um

1358

00:50:44,470 --> 00:50:42,880

so people people are already doing that

1359

00:50:47,109 --> 00:50:44,480

and they think it's weird because

1360

00:50:50,309 --> 00:50:47,119

there's a channel there or we have a

1361

00:50:52,230 --> 00:50:50,319

person who has a who

1362

00:50:55,030 --> 00:50:52,240

you know about walk-ins right

1363

00:50:57,190 --> 00:50:55,040

walk-in says i've had this brain and

1364

00:50:58,790 --> 00:50:57,200

this consciousness up to this point

1365

00:51:01,670 --> 00:50:58,800

and now

1366

00:51:03,430 --> 00:51:01,680

some other soul is in here and it's not

1367

00:51:04,470 --> 00:51:03,440

the original soul

1368

00:51:05,750 --> 00:51:04,480

okay

1369

00:51:07,829 --> 00:51:05,760

and there's a book out there that i

1370

00:51:09,430 --> 00:51:07,839

quoted in my book says they think that

1371

00:51:11,190 --> 00:51:09,440

ten percent of the world or seventeen

1372

00:51:14,710 --> 00:51:11,200

percent of the world are walk-ins you

1373

00:51:16,470 --> 00:51:14,720

know and hey don't and if and

1374

00:51:18,950 --> 00:51:16,480

and i see that you're laughing because

1375

00:51:21,670 --> 00:51:18,960

you probably agree with some of this

1376

00:51:23,910 --> 00:51:21,680

but i personally know two walk-ins okay

1377

00:51:26,470 --> 00:51:23,920

and they know when it happened okay and

1378

00:51:28,950 --> 00:51:26,480

they're spiritual beings so so the point

1379

00:51:32,549 --> 00:51:28,960

is how do we account for that in your

1380

00:51:33,349 --> 00:51:32,559

model too in your turing model

1381

00:51:35,430 --> 00:51:33,359

well

1382

00:51:37,109 --> 00:51:35,440

during tests of consciousness

1383

00:51:39,510 --> 00:51:37,119

are you familiar are you familiar with

1384

00:51:41,829 --> 00:51:39,520

the hungry ghost thing

1385

00:51:45,030 --> 00:51:41,839

uh no what is the hungry ghost well the

1386

00:51:47,030 --> 00:51:45,040

the hungry ghost is kind of a series of

1387

00:51:49,190 --> 00:51:47,040

experiments kind of ad hoc experiments

1388

00:51:51,750 --> 00:51:49,200

and stuff that was done

1389

00:51:52,790 --> 00:51:51,760

hey man those spirits they can with

1390

00:51:58,670 --> 00:51:52,800

you

1391

00:52:00,710 --> 00:51:58,680

and create deceptions that look

1392

00:52:02,549 --> 00:52:00,720

indistinguishable from real

1393

00:52:04,630 --> 00:52:02,559

communication

1394

00:52:05,829 --> 00:52:04,640

i'm not saying that that's a reason not

1395

00:52:07,670 --> 00:52:05,839

to do it

1396

00:52:10,069 --> 00:52:07,680

but again that's why i brought up the

1397

00:52:12,470 --> 00:52:10,079

julia mossbridge thing yeah all this

1398

00:52:15,990 --> 00:52:12,480

stuff is highly dependent on all these

1399

00:52:19,270 --> 00:52:16,000

other factors that wind up looking like

1400

00:52:21,190 --> 00:52:19,280

very human factors you know what is your

1401
00:52:23,990 --> 00:52:21,200
true motivation

1402
00:52:25,030 --> 00:52:24,000
what is your spiritual

1403
00:52:26,790 --> 00:52:25,040
deep

1404
00:52:28,870 --> 00:52:26,800
and your values yeah

1405
00:52:32,710 --> 00:52:28,880
values like times

1406
00:52:36,470 --> 00:52:32,720
ten you know what i mean so it's like

1407
00:52:38,630 --> 00:52:36,480
again i i love the the metaphysical i'm

1408
00:52:41,510 --> 00:52:38,640
glad that they're doing the soul phone

1409
00:52:43,190 --> 00:52:41,520
experiment but if they're not

1410
00:52:45,349 --> 00:52:43,200
of the right heart

1411
00:52:47,829 --> 00:52:45,359
if they haven't if they're not tackling

1412
00:52:50,950 --> 00:52:47,839
the spiritual question then you can

1413
00:52:54,549 --> 00:52:50,960

flush it down the freaking toilet along

1414

00:52:57,430 --> 00:52:54,559

with a 17 percent statistic it is

1415

00:53:00,790 --> 00:52:57,440

meaningless to say that 17 percent we

1416

00:53:04,230 --> 00:53:00,800

don't know what a walk-in is

1417

00:53:05,829 --> 00:53:04,240

why would we put a freaking 10

1418

00:53:07,990 --> 00:53:05,839

17

1419

00:53:11,270 --> 00:53:08,000

we don't know that so i guess that's

1420

00:53:14,069 --> 00:53:11,280

what i'm advocating on this thing is

1421

00:53:15,990 --> 00:53:14,079

pump the brakes a little bit and step up

1422

00:53:18,630 --> 00:53:16,000

and look at the bigger

1423

00:53:22,069 --> 00:53:18,640

truly the spiritual

1424

00:53:24,950 --> 00:53:22,079

topics yeah and approach it from a kind

1425

00:53:26,870 --> 00:53:24,960

of scientific way i think the amount of

1426

00:53:30,549 --> 00:53:26,880

information that's been accumulated

1427

00:53:33,589 --> 00:53:30,559

about near-death experiences point to

1428

00:53:35,589 --> 00:53:33,599

some spiritual truths i think the same

1429

00:53:36,870 --> 00:53:35,599

thing about reincarnation after death

1430

00:53:39,109 --> 00:53:36,880

communication

1431

00:53:41,349 --> 00:53:39,119

that should be our starting point not

1432

00:53:43,910 --> 00:53:41,359

whether we can do a freaking cell phone

1433

00:53:46,069 --> 00:53:43,920

i agree i agree 100

1434

00:53:47,910 --> 00:53:46,079

i believe that dreaming and near-death

1435

00:53:49,510 --> 00:53:47,920

experiences and

1436

00:53:51,589 --> 00:53:49,520

and the kinds of things you do when you

1437

00:53:53,750 --> 00:53:51,599

when you when you get in in a nirvana

1438

00:53:54,950 --> 00:53:53,760

state for meditation right all of those

1439

00:53:57,109 --> 00:53:54,960

things are

1440

00:53:59,430 --> 00:53:57,119

the the

1441

00:54:01,190 --> 00:53:59,440

tasting the divine touching the divine

1442

00:54:03,349 --> 00:54:01,200

the divine is

1443

00:54:05,430 --> 00:54:03,359

not in linear time thought the

1444

00:54:07,670 --> 00:54:05,440

sequential thought it's the state of

1445

00:54:09,910 --> 00:54:07,680

being who you really are and by the way

1446

00:54:12,150 --> 00:54:09,920

we do that every night when we dream so

1447

00:54:13,430 --> 00:54:12,160

again i advocate doing lucid dreaming in

1448

00:54:15,510 --> 00:54:13,440

fact one of the things now that i'm not

1449

00:54:16,790 --> 00:54:15,520

writing my book anymore is i'm gonna go

1450

00:54:18,630 --> 00:54:16,800

take a lucid dreaming class i've been

1451

00:54:20,790 --> 00:54:18,640

wanting to do it for years and

1452

00:54:22,309 --> 00:54:20,800

and i'm gonna do it okay and the reason

1453

00:54:25,349 --> 00:54:22,319

is is that i can get in touch with my

1454

00:54:27,270 --> 00:54:25,359

higher self my my spiritual side if you

1455

00:54:30,309 --> 00:54:27,280

want to call it but it's also

1456

00:54:32,150 --> 00:54:30,319

my my spiritual side is the non-thinking

1457

00:54:33,829 --> 00:54:32,160

side of my

1458

00:54:35,910 --> 00:54:33,839

of my beingness

1459

00:54:37,589 --> 00:54:35,920

but but my thinking side is also part of

1460

00:54:39,030 --> 00:54:37,599

that beingness okay it's just whether

1461

00:54:41,270 --> 00:54:39,040

it's in time or not that where i'm

1462

00:54:44,069 --> 00:54:41,280

focusing so

1463

00:54:47,430 --> 00:54:44,079

so that's awesome on a personal level

1464

00:54:50,309 --> 00:54:47,440

and i think also on a scientific level

1465

00:54:52,150 --> 00:54:50,319

yeah you have to keep exploring you

1466

00:54:54,309 --> 00:54:52,160

understand where the action is it's in

1467

00:54:55,109 --> 00:54:54,319

this extended consciousness realm so why

1468

00:54:57,990 --> 00:54:55,119

not

1469

00:55:00,069 --> 00:54:58,000

learn as much as we can about it i i

1470

00:55:01,270 --> 00:55:00,079

guess the way that you know because i

1471

00:55:02,870 --> 00:55:01,280

feel like

1472

00:55:04,150 --> 00:55:02,880

we could go on to talk about texas

1473

00:55:07,109 --> 00:55:04,160

instruments and

1474

00:55:08,789 --> 00:55:07,119

you know it's a bomb making company i

1475

00:55:10,230 --> 00:55:08,799

always remember this one old guy you

1476

00:55:11,430 --> 00:55:10,240

know wait he just kind of caught me

1477

00:55:13,270 --> 00:55:11,440

walking through the hallways you know

1478

00:55:15,190 --> 00:55:13,280

because he'll have those miles and vials

1479

00:55:17,109 --> 00:55:15,200

of these long hallways

1480

00:55:18,710 --> 00:55:17,119

and he just shook his head and he goes

1481

00:55:20,230 --> 00:55:18,720

i don't know what it is

1482

00:55:22,309 --> 00:55:20,240

i've just always been around death and

1483

00:55:23,109 --> 00:55:22,319

destruction my whole life

1484

00:55:25,510 --> 00:55:23,119

yeah

1485

00:55:27,990 --> 00:55:25,520

well i think you know the arnold

1486

00:55:29,589 --> 00:55:28,000

schwarzenegger robot killing robot of

1487

00:55:30,630 --> 00:55:29,599

the future you know

1488

00:55:32,470 --> 00:55:30,640

you know the

1489

00:55:34,470 --> 00:55:32,480

military thinks they want killing robots

1490

00:55:35,910 --> 00:55:34,480

okay but my belief is that and they're

1491

00:55:37,829 --> 00:55:35,920

going to be probably effective in the

1492

00:55:38,549 --> 00:55:37,839

battlefield um whether they're going to

1493

00:55:43,190 --> 00:55:38,559

be

1494

00:55:46,230 --> 00:55:43,200

run amok like they did in the in the

1495

00:55:47,750 --> 00:55:46,240

schwarzenegger movies i doubt it because

1496

00:55:50,069 --> 00:55:47,760

because

1497

00:55:52,470 --> 00:55:50,079

you know they had this singularity

1498

00:55:54,470 --> 00:55:52,480

switch in those right and this this if

1499

00:55:55,670 --> 00:55:54,480

you believe that consciousness is

1500

00:55:57,270 --> 00:55:55,680

computers are getting to the point where

1501
00:55:59,270 --> 00:55:57,280
they become self-conscious like in that

1502
00:56:02,069 --> 00:55:59,280
movie i don't believe that because i

1503
00:56:04,309 --> 00:56:02,079
believe that we're simulating quant

1504
00:56:06,950 --> 00:56:04,319
computers even if we have a quantum ai i

1505
00:56:10,069 --> 00:56:06,960
don't think it will be that way so um so

1506
00:56:11,430 --> 00:56:10,079
i i'm i'm i'm less concerned about the

1507
00:56:13,109 --> 00:56:11,440
singularity

1508
00:56:15,589 --> 00:56:13,119
and and does that mean we'll have

1509
00:56:17,910 --> 00:56:15,599
killing robots we probably will i mean

1510
00:56:19,750 --> 00:56:17,920
what are drones actual after all right

1511
00:56:22,710 --> 00:56:19,760
so um so

1512
00:56:24,630 --> 00:56:22,720
so the point is is that and one point is

1513
00:56:27,349 --> 00:56:24,640

by the way texas instruments sold their

1514

00:56:29,430 --> 00:56:27,359

military group to raytheon so they're

1515

00:56:31,190 --> 00:56:29,440

actually not in the business except for

1516

00:56:32,789 --> 00:56:31,200

selling semiconductors to those people

1517

00:56:34,390 --> 00:56:32,799

so just be aware of that

1518

00:56:37,030 --> 00:56:34,400

from just from a point of reference that

1519

00:56:39,910 --> 00:56:37,040

uh yeah we supported building

1520

00:56:42,150 --> 00:56:39,920

uh missiles designs for missile co you

1521

00:56:45,109 --> 00:56:42,160

know nose cones uh when i was there too

1522

00:56:46,950 --> 00:56:45,119

back in the in the in the 80s and 90s so

1523

00:56:48,470 --> 00:56:46,960

but realize they have sold their their

1524

00:56:51,349 --> 00:56:48,480

military groups

1525

00:56:53,670 --> 00:56:51,359

do you think there aren't still those

1526
00:56:55,030 --> 00:56:53,680
deep dark doors that you can't go in and

1527
00:56:56,630 --> 00:56:55,040
out of unless you

1528
00:56:58,630 --> 00:56:56,640
there is a building there but ti doesn't

1529
00:57:00,710 --> 00:56:58,640
own that building anymore it's raytheon

1530
00:57:02,710 --> 00:57:00,720
at least

1531
00:57:04,150 --> 00:57:02,720
yeah i i was across the hall from those

1532
00:57:06,390 --> 00:57:04,160
people so yeah

1533
00:57:07,910 --> 00:57:06,400
out of black programs you're closer to

1534
00:57:09,750 --> 00:57:07,920
it than i do i just yeah i was right

1535
00:57:11,750 --> 00:57:09,760
across the hall from him so i don't know

1536
00:57:13,829 --> 00:57:11,760
anything about him except that

1537
00:57:15,510 --> 00:57:13,839
and this is really like one of the

1538
00:57:17,349 --> 00:57:15,520

points i did want to talk to you about

1539

00:57:19,349 --> 00:57:17,359

because

1540

00:57:21,829 --> 00:57:19,359

i love what you're saying about the

1541

00:57:22,710 --> 00:57:21,839

schwarzenegger you know robots and the

1542

00:57:26,470 --> 00:57:22,720

thing

1543

00:57:28,150 --> 00:57:26,480

andrew smart interview

1544

00:57:30,630 --> 00:57:28,160

and you really helped me kind of bring

1545

00:57:32,309 --> 00:57:30,640

this to focus andrew smart and he's

1546

00:57:34,470 --> 00:57:32,319

gonna have to serve as the stand-in for

1547

00:57:37,349 --> 00:57:34,480

google even though he's not he just

1548

00:57:39,510 --> 00:57:37,359

works there but he's close enough yeah

1549

00:57:41,910 --> 00:57:39,520

they don't care they don't care about

1550

00:57:43,910 --> 00:57:41,920

what you just said they don't really at

1551
00:57:45,270 --> 00:57:43,920
the end of the day they don't care about

1552
00:57:47,910 --> 00:57:45,280
singularity

1553
00:57:49,910 --> 00:57:47,920
alls they care about is the turing test

1554
00:57:53,030 --> 00:57:49,920
and they're going to win that over and

1555
00:57:54,390 --> 00:57:53,040
over again so just so um technology yeah

1556
00:57:56,309 --> 00:57:54,400
well just so i'm not

1557
00:57:59,270 --> 00:57:56,319
you know totally obtuse

1558
00:58:01,910 --> 00:57:59,280
if i have a drone

1559
00:58:04,710 --> 00:58:01,920
and i can start applying

1560
00:58:07,109 --> 00:58:04,720
you know face recognition

1561
00:58:08,630 --> 00:58:07,119
basic decision making

1562
00:58:11,829 --> 00:58:08,640
uh

1563
00:58:14,870 --> 00:58:11,839

non-lethal and lethal weapon use

1564

00:58:17,910 --> 00:58:14,880

to that i am so far down the

1565

00:58:20,390 --> 00:58:17,920

schwarzenegger curve that it really

1566

00:58:22,789 --> 00:58:20,400

doesn't matter it comes back to the

1567

00:58:25,990 --> 00:58:22,799

playing chess thing you know it doesn't

1568

00:58:28,309 --> 00:58:26,000

take much to beat me at chess

1569

00:58:29,750 --> 00:58:28,319

i mean it's not a deep blue kind of

1570

00:58:30,470 --> 00:58:29,760

situation

1571

00:58:33,349 --> 00:58:30,480

so

1572

00:58:34,789 --> 00:58:33,359

isn't that a chess game for like 50 that

1573

00:58:37,510 --> 00:58:34,799

will do it too you don't have to even go

1574

00:58:40,150 --> 00:58:37,520

on the net to do it so that's really

1575

00:58:42,950 --> 00:58:40,160

that that's really the concern there and

1576

00:58:44,230 --> 00:58:42,960

the concern for me in talking to andrew

1577

00:58:46,470 --> 00:58:44,240

is

1578

00:58:48,230 --> 00:58:46,480

you know i brought up the metaphysical

1579

00:58:50,309 --> 00:58:48,240

like you're there you're past the

1580

00:58:52,549 --> 00:58:50,319

metaphysical and and we're having this

1581

00:58:54,390 --> 00:58:52,559

discussion of metaphysical spiritual and

1582

00:58:56,150 --> 00:58:54,400

we're bouncing back and forth he is not

1583

00:58:57,829 --> 00:58:56,160

there with the metaphysical i go what

1584

00:58:59,270 --> 00:58:57,839

about consciousness extending beyond

1585

00:59:00,549 --> 00:58:59,280

bodily death we got overwhelming

1586

00:59:02,470 --> 00:59:00,559

evidence that you take the near-death

1587

00:59:03,670 --> 00:59:02,480

experience reincarnation is like

1588

00:59:05,430 --> 00:59:03,680

huh

1589

00:59:07,109 --> 00:59:05,440

never thought of that

1590

00:59:08,390 --> 00:59:07,119

i'm like well okay andrew i appreciate

1591

00:59:11,750 --> 00:59:08,400

that you never thought it wouldn't that

1592

00:59:14,549 --> 00:59:11,760

be fundamental to your book that you

1593

00:59:16,230 --> 00:59:14,559

just wrote on consciousness yeah lsd

1594

00:59:17,589 --> 00:59:16,240

touring test yeah

1595

00:59:21,109 --> 00:59:17,599

well uh

1596

00:59:22,710 --> 00:59:21,119

so he can he and again he represents

1597

00:59:25,030 --> 00:59:22,720

google apple

1598

00:59:27,190 --> 00:59:25,040

twitter facebook all of them

1599

00:59:30,069 --> 00:59:27,200

they don't need to consider the

1600

00:59:33,430 --> 00:59:30,079

metaphysical and they can really really

1601
00:59:35,030 --> 00:59:33,440
screw up our world without ever dealing

1602
00:59:38,069 --> 00:59:35,040
with any of that stuff let alone the

1603
00:59:40,069 --> 00:59:38,079
spiritual and it may be not on purpose

1604
00:59:41,750 --> 00:59:40,079
it may be not

1605
00:59:43,430 --> 00:59:41,760
that we're going to particularly use

1606
00:59:44,309 --> 00:59:43,440
this for evil but they're just going to

1607
00:59:46,470 --> 00:59:44,319
have

1608
00:59:47,990 --> 00:59:46,480
a net evil effects because they're doing

1609
00:59:50,390 --> 00:59:48,000
it is what you're saying

1610
00:59:53,430 --> 00:59:50,400
well what i'm saying is

1611
00:59:57,910 --> 00:59:53,440
the only way really for us from our

1612
01:00:01,190 --> 00:59:57,920
perspective to judge malicious intent

1613
01:00:04,150 --> 01:00:01,200

is to judge the outcome we can't because

1614

01:00:05,430 --> 01:00:04,160

it's obviously very easy for someone to

1615

01:00:07,349 --> 01:00:05,440

disguise

1616

01:00:09,750 --> 01:00:07,359

their malicious intent

1617

01:00:12,230 --> 01:00:09,760

and it happens all the time we're so

1618

01:00:14,870 --> 01:00:12,240

used to that we're sick of it we're like

1619

01:00:17,190 --> 01:00:14,880

you know when you do it once you do it

1620

01:00:19,910 --> 01:00:17,200

twice you do it three times the burden

1621

01:00:20,710 --> 01:00:19,920

of proof shifts now you have to prove to

1622

01:00:32,789 --> 01:00:20,720

us

1623

01:00:35,030 --> 01:00:32,799

of oops it got out of the lab sorry

1624

01:00:36,309 --> 01:00:35,040

yeah i think i think

1625

01:00:38,390 --> 01:00:36,319

there's

1626
01:00:40,309 --> 01:00:38,400
more malicious intent especially about

1627
01:00:42,630 --> 01:00:40,319
like you said manipulating social

1628
01:00:43,750 --> 01:00:42,640
engineering stuff and uh stuff like that

1629
01:00:46,630 --> 01:00:43,760
then

1630
01:00:48,069 --> 01:00:46,640
more naive people

1631
01:00:50,470 --> 01:00:48,079
would understand

1632
01:00:52,950 --> 01:00:50,480
so so i guess as i was gonna have ai are

1633
01:00:55,750 --> 01:00:52,960
we gonna have ai and quantum computing

1634
01:00:57,990 --> 01:00:55,760
give us better ai i doubt that because

1635
01:00:59,589 --> 01:00:58,000
they can't scale quantum computers yet

1636
01:01:01,510 --> 01:00:59,599
see this is the thing is is that if you

1637
01:01:02,710 --> 01:01:01,520
look at the weight quantity again every

1638
01:01:04,549 --> 01:01:02,720

time you have a physical system that's

1639

01:01:06,630 --> 01:01:04,559

doing computing you have to have a

1640

01:01:09,349 --> 01:01:06,640

physical infrastructure to support that

1641

01:01:12,230 --> 01:01:09,359

computational system so a couple things

1642

01:01:14,549 --> 01:01:12,240

you know number one doug

1643

01:01:16,950 --> 01:01:14,559

you're the guy in the first interview

1644

01:01:19,750 --> 01:01:16,960

and in reading your book who kind of got

1645

01:01:22,710 --> 01:01:19,760

me off the moore's law thing

1646

01:01:25,030 --> 01:01:22,720

because what you turned me on to is as

1647

01:01:26,549 --> 01:01:25,040

soon as we go quantum it's kind of a

1648

01:01:28,470 --> 01:01:26,559

different scale

1649

01:01:31,510 --> 01:01:28,480

and you know so now you're you're kind

1650

01:01:33,750 --> 01:01:31,520

of waving your hand like haha yeah so

1651
01:01:34,630 --> 01:01:33,760
you know you can't kind of mix those two

1652
01:01:36,309 --> 01:01:34,640
things

1653
01:01:38,069 --> 01:01:36,319
you know the other thing i always

1654
01:01:41,030 --> 01:01:38,079
reference that kind of brings it into

1655
01:01:43,589 --> 01:01:41,040
focus is the flat earth thing

1656
01:01:47,190 --> 01:01:43,599
are you familiar with that oh yeah yeah

1657
01:01:49,829 --> 01:01:47,200
absolutely i mean it's it's if it's

1658
01:01:51,349 --> 01:01:49,839
the point is no amount of logic

1659
01:01:52,870 --> 01:01:51,359
can convince these people otherwise

1660
01:01:54,789 --> 01:01:52,880
about flat earth right these flat

1661
01:01:57,270 --> 01:01:54,799
earthers yeah but it's deeper than that

1662
01:01:58,870 --> 01:01:57,280
see here's the deeper part

1663
01:01:59,829 --> 01:01:58,880

because i get a ton of really smart

1664

01:02:02,630 --> 01:01:59,839

people

1665

01:02:04,309 --> 01:02:02,640

who contact me and want to do

1666

01:02:07,349 --> 01:02:04,319

flat earth or want to talk about flat

1667

01:02:09,990 --> 01:02:07,359

earth i got it in a debate with a guy

1668

01:02:11,270 --> 01:02:10,000

you know smart guy graduated from lsu

1669

01:02:12,870 --> 01:02:11,280

you know that

1670

01:02:15,510 --> 01:02:12,880

you've never looked into it you know

1671

01:02:17,750 --> 01:02:15,520

that's his that it's and i go

1672

01:02:20,870 --> 01:02:17,760

dude i looked into it for about 10

1673

01:02:22,150 --> 01:02:20,880

seconds i mean you know that that's all

1674

01:02:24,789 --> 01:02:22,160

it it's it

1675

01:02:27,430 --> 01:02:24,799

but here's the point

1676

01:02:29,270 --> 01:02:27,440

it's in a way i think it relates exactly

1677

01:02:31,029 --> 01:02:29,280

to what you're talking about because

1678

01:02:32,230 --> 01:02:31,039

it's like one of the biggest

1679

01:02:34,309 --> 01:02:32,240

uh

1680

01:02:36,390 --> 01:02:34,319

alt media people that you'll hear talk

1681

01:02:37,910 --> 01:02:36,400

about uh flat earth is a guy named eddie

1682

01:02:40,309 --> 01:02:37,920

bravo

1683

01:02:43,109 --> 01:02:40,319

and he's on the joe rogan show and sam

1684

01:02:44,710 --> 01:02:43,119

tripoli has him on a show and he's uh a

1685

01:02:49,029 --> 01:02:44,720

jujitsu guy

1686

01:02:51,750 --> 01:02:49,039

now eddie bravo is an absolute genius at

1687

01:02:53,990 --> 01:02:51,760

jiu-jitsu not only in executing it

1688

01:02:55,990 --> 01:02:54,000

physically but he's actually devised a

1689

01:02:57,829 --> 01:02:56,000

whole different system that is super

1690

01:03:00,309 --> 01:02:57,839

successful in this net

1691

01:03:03,589 --> 01:03:00,319

eddie bravo's not a dumb guy

1692

01:03:05,990 --> 01:03:03,599

he doesn't walk around and uh stumble

1693

01:03:09,190 --> 01:03:06,000

over you know the the curb because he

1694

01:03:11,349 --> 01:03:09,200

can't you know he functions fine the way

1695

01:03:14,950 --> 01:03:11,359

he's processed

1696

01:03:18,230 --> 01:03:14,960

our myth of progress kind of world our

1697

01:03:21,990 --> 01:03:18,240

shadow banning mona demonetization

1698

01:03:26,150 --> 01:03:22,000

is to say your science it doesn't

1699

01:03:29,510 --> 01:03:26,160

add up you keep saying one thing and

1700

01:03:31,910 --> 01:03:29,520

then doing these evil things and then

1701

01:03:34,710 --> 01:03:31,920

you're trying to convince me at some

1702

01:03:38,870 --> 01:03:34,720

level that what i'm observing everything

1703

01:03:42,390 --> 01:03:38,880

i'm experiencing is not what it is

1704

01:03:45,349 --> 01:03:42,400

prove it to me it's an uber empiricism

1705

01:03:48,630 --> 01:03:45,359

that i think you have to kind of respect

1706

01:03:51,029 --> 01:03:48,640

at some level because the game to a lot

1707

01:03:53,589 --> 01:03:51,039

of people the science game

1708

01:03:56,630 --> 01:03:53,599

seems so incredibly rigged

1709

01:03:58,870 --> 01:03:56,640

that that's the only response is prove

1710

01:04:01,910 --> 01:03:58,880

it to my satisfaction i'll be the judge

1711

01:04:03,990 --> 01:04:01,920

or i'm out yeah i've thought about flat

1712

01:04:06,069 --> 01:04:04,000

earth as what kind of evidence could you

1713

01:04:07,510 --> 01:04:06,079

ever convince them right

1714

01:04:09,910 --> 01:04:07,520

and there's nothing there's nothing that

1715

01:04:12,789 --> 01:04:09,920

you can say to convince them

1716

01:04:13,670 --> 01:04:12,799

not even wrong as that famous guy yeah

1717

01:04:14,549 --> 01:04:13,680

yeah

1718

01:04:22,470 --> 01:04:14,559

and

1719

01:04:27,349 --> 01:04:25,270

why they're trying to justify their

1720

01:04:30,789 --> 01:04:27,359

their stance you know i think they're

1721

01:04:34,309 --> 01:04:33,270

so it probably comes it says more about

1722

01:04:35,910 --> 01:04:34,319

them

1723

01:04:38,069 --> 01:04:35,920

than it says about science and then

1724

01:04:40,470 --> 01:04:38,079

people say well it's about science right

1725

01:04:42,069 --> 01:04:40,480

so doug we've kind of gone

1726

01:04:43,109 --> 01:04:42,079

around the world a couple times i feel

1727

01:04:44,789 --> 01:04:43,119

in that way

1728

01:04:45,829 --> 01:04:44,799

it's kind of like the first interview

1729

01:04:48,789 --> 01:04:45,839

but

1730

01:04:50,230 --> 01:04:48,799

there's so much depth to this book deep

1731

01:04:52,950 --> 01:04:50,240

reality

1732

01:04:55,430 --> 01:04:52,960

tell us what's one or two of the main

1733

01:04:58,630 --> 01:04:55,440

takeaways that peop you want people to

1734

01:04:59,750 --> 01:04:58,640

get from this book and from your work

1735

01:05:03,270 --> 01:04:59,760

all right

1736

01:05:07,109 --> 01:05:05,510

we probably are not quantum computers

1737

01:05:09,990 --> 01:05:07,119

you said you don't you don't like that

1738

01:05:12,470 --> 01:05:10,000

terminology okay and i'm only using that

1739

01:05:13,990 --> 01:05:12,480

as a bridge to talk about the fact what

1740

01:05:16,630 --> 01:05:14,000

is a quantum computer

1741

01:05:19,510 --> 01:05:16,640

it means that it's a hyperdimensional

1742

01:05:21,670 --> 01:05:19,520

thing right so humans are really from a

1743

01:05:24,470 --> 01:05:21,680

spiritual perspective are probably

1744

01:05:26,069 --> 01:05:24,480

really hyper dimensional beings if you

1745

01:05:27,990 --> 01:05:26,079

would think about you know the you see

1746

01:05:30,069 --> 01:05:28,000

the aura around saints and stuff like

1747

01:05:32,789 --> 01:05:30,079

that right well that's just a matter of

1748

01:05:34,230 --> 01:05:32,799

representation of how do you represent a

1749

01:05:36,870 --> 01:05:34,240

spiritual being that's an infinite

1750

01:05:38,870 --> 01:05:36,880

dimensional space or very gazillion

1751
01:05:40,630 --> 01:05:38,880
dimensional space in three dimensions

1752
01:05:42,069 --> 01:05:40,640
well the best way you can think of it as

1753
01:05:43,589 --> 01:05:42,079
a ball of light

1754
01:05:45,829 --> 01:05:43,599
right and so

1755
01:05:47,510 --> 01:05:45,839
so if that's who we really are that's

1756
01:05:49,750 --> 01:05:47,520
the spirit you know the end story that

1757
01:05:50,390 --> 01:05:49,760
you're looking for the spiritual side of

1758
01:05:52,789 --> 01:05:50,400
it

1759
01:05:53,910 --> 01:05:52,799
how do you back up from that through the

1760
01:05:58,710 --> 01:05:53,920
through the

1761
01:06:01,270 --> 01:05:58,720
computational side of it and say well

1762
01:06:02,710 --> 01:06:01,280
that thing that set of dimensions that

1763
01:06:05,430 --> 01:06:02,720

we see as light

1764

01:06:07,750 --> 01:06:05,440

is probably bits and the reason is is

1765

01:06:10,549 --> 01:06:07,760

because if you have three bits you can

1766

01:06:12,549 --> 01:06:10,559

form a photon it's called a q-trit if

1767

01:06:14,549 --> 01:06:12,559

you look it up you can find that that's

1768

01:06:16,549 --> 01:06:14,559

what they think photons are as a q-trip

1769

01:06:19,510 --> 01:06:16,559

so it's a higher dimensional version of

1770

01:06:22,150 --> 01:06:19,520

a qubit okay and by the way in the

1771

01:06:24,470 --> 01:06:22,160

geometric algebra math

1772

01:06:26,309 --> 01:06:24,480

it's a boson it's a photon you know it

1773

01:06:29,190 --> 01:06:26,319

looks like a boson so

1774

01:06:31,349 --> 01:06:29,200

so my belief is that if you believe take

1775

01:06:32,710 --> 01:06:31,359

away is here we have all these layers

1776
01:06:34,230 --> 01:06:32,720
and the high level which is what you're

1777
01:06:35,829 --> 01:06:34,240
interested in is the spiritual nature of

1778
01:06:37,829 --> 01:06:35,839
humans that we're hyper dimensional

1779
01:06:38,950 --> 01:06:37,839
beings and we're not in our brain our

1780
01:06:41,349 --> 01:06:38,960
brain is

1781
01:06:44,230 --> 01:06:41,359
this bio bio

1782
01:06:46,630 --> 01:06:44,240
biocomputer antenna transceiver

1783
01:06:48,630 --> 01:06:46,640
and and the real actions going on in the

1784
01:06:50,150 --> 01:06:48,640
spiritual domain in our in this hybrid

1785
01:06:52,470 --> 01:06:50,160
dimensional mind

1786
01:06:55,029 --> 01:06:52,480
um that's really not thought i mean it's

1787
01:06:57,109 --> 01:06:55,039
thought yet no thought right it's it's

1788
01:06:59,589 --> 01:06:57,119

it's a it's a wave not a particle right

1789

01:07:01,510 --> 01:06:59,599

there's our beingness is is more like a

1790

01:07:03,990 --> 01:07:01,520

wave than it is anything else but it's

1791

01:07:06,789 --> 01:07:04,000

informational it's not energy

1792

01:07:09,190 --> 01:07:06,799

and it's not in space and not in time so

1793

01:07:10,390 --> 01:07:09,200

personally not technologically wise

1794

01:07:11,910 --> 01:07:10,400

personally

1795

01:07:13,670 --> 01:07:11,920

with that information what are you going

1796

01:07:15,190 --> 01:07:13,680

to do about it for your life that's the

1797

01:07:17,829 --> 01:07:15,200

big step that i'm trying to get people

1798

01:07:19,510 --> 01:07:17,839

to do is you don't have to

1799

01:07:21,670 --> 01:07:19,520

you can unplug from all these social

1800

01:07:24,150 --> 01:07:21,680

networks and not be affected by all and

1801

01:07:25,750 --> 01:07:24,160

you can sit there and meditate and and

1802

01:07:28,230 --> 01:07:25,760

figure out your own emotions and come up

1803

01:07:30,630 --> 01:07:28,240

your internal state and evolve and

1804

01:07:33,670 --> 01:07:30,640

improve your consciousness and become

1805

01:07:35,029 --> 01:07:33,680

lucid dreamer and meditator and a zen

1806

01:07:37,670 --> 01:07:35,039

art zen

1807

01:07:40,069 --> 01:07:37,680

monk and touch the touch the akashic

1808

01:07:42,710 --> 01:07:40,079

records and do that all without ever

1809

01:07:43,750 --> 01:07:42,720

touching facebook or google okay you can

1810

01:07:46,309 --> 01:07:43,760

do that

1811

01:07:48,710 --> 01:07:46,319

i know people who have okay housewives

1812

01:07:50,230 --> 01:07:48,720

who have gone up that spiritual ladder

1813

01:07:52,230 --> 01:07:50,240

like you wouldn't think that they could

1814

01:07:54,150 --> 01:07:52,240

anybody can do this so once you believe

1815

01:07:55,670 --> 01:07:54,160

oh this is who we are everybody should

1816

01:07:57,510 --> 01:07:55,680

be interested in who we are and who they

1817

01:07:59,349 --> 01:07:57,520

are individually and that's what i think

1818

01:08:00,789 --> 01:07:59,359

you were talking about earlier is who

1819

01:08:02,870 --> 01:08:00,799

who they really are what's their real

1820

01:08:04,069 --> 01:08:02,880

who's what is their being what's what's

1821

01:08:06,470 --> 01:08:04,079

their purpose you know what what are

1822

01:08:09,829 --> 01:08:06,480

they trying to do in their life and uh

1823

01:08:11,829 --> 01:08:09,839

and and love is these emotions are part

1824

01:08:13,349 --> 01:08:11,839

of that because as soon as you realize

1825

01:08:14,630 --> 01:08:13,359

everybody says oh if you're in the

1826

01:08:16,470 --> 01:08:14,640

spiritual domain

1827

01:08:18,309 --> 01:08:16,480

love is the ultimate ultimate love you

1828

01:08:20,390 --> 01:08:18,319

know this this god-like love this

1829

01:08:22,870 --> 01:08:20,400

mother-like love this near-death

1830

01:08:25,430 --> 01:08:22,880

experience love beyond any measure that

1831

01:08:27,030 --> 01:08:25,440

we can imagine and and that's the only

1832

01:08:28,229 --> 01:08:27,040

truth there is

1833

01:08:31,189 --> 01:08:28,239

and some people apply the word

1834

01:08:33,269 --> 01:08:31,199

consciousness to that well again

1835

01:08:34,550 --> 01:08:33,279

if if i start there

1836

01:08:35,910 --> 01:08:34,560

instead of

1837

01:08:38,630 --> 01:08:35,920

i sound like

1838

01:08:40,390 --> 01:08:38,640

a crazy person but if i start at the

1839

01:08:42,149 --> 01:08:40,400

building up this description from the

1840

01:08:43,430 --> 01:08:42,159

quantum from the classical computing and

1841

01:08:44,870 --> 01:08:43,440

limits of computing and quantum

1842

01:08:46,390 --> 01:08:44,880

computing and then realize hyper

1843

01:08:48,470 --> 01:08:46,400

dimensional spaces and finally get to

1844

01:08:50,229 --> 01:08:48,480

the point where you can't represent you

1845

01:08:51,749 --> 01:08:50,239

can't do these behaviors if you have a

1846

01:08:53,189 --> 01:08:51,759

lower dimensional space then you go

1847

01:08:55,189 --> 01:08:53,199

humans are

1848

01:08:57,030 --> 01:08:55,199

we have all this magic all the spiritual

1849

01:08:58,950 --> 01:08:57,040

magic that we can do because we're hyper

1850

01:09:00,709 --> 01:08:58,960

dimensional beings so so there's the big

1851

01:09:01,749 --> 01:09:00,719

picture and hopefully that meets the

1852

01:09:03,749 --> 01:09:01,759

kinds of

1853

01:09:07,030 --> 01:09:03,759

insights that you're looking for in your

1854

01:09:09,829 --> 01:09:07,040

speakers that was awesome like i'm so

1855

01:09:12,630 --> 01:09:09,839

with you in terms of uh

1856

01:09:13,749 --> 01:09:12,640

you know i'm not just sitting in a cave

1857

01:09:15,189 --> 01:09:13,759

all day

1858

01:09:18,470 --> 01:09:15,199

i'm not

1859

01:09:21,189 --> 01:09:18,480

there's part of me that says you know

1860

01:09:23,590 --> 01:09:21,199

that's probably a more direct path

1861

01:09:25,430 --> 01:09:23,600

but it doesn't seem that way to me it

1862

01:09:27,829 --> 01:09:25,440

doesn't feel that way to me and i have

1863

01:09:29,349 --> 01:09:27,839

to follow my intuition

1864

01:09:31,030 --> 01:09:29,359

and i kind of feel that that's what

1865

01:09:32,870 --> 01:09:31,040

you're doing doug

1866

01:09:35,349 --> 01:09:32,880

you you're because a lot of quote

1867

01:09:37,829 --> 01:09:35,359

quote-unquote spiritual people that blow

1868

01:09:39,910 --> 01:09:37,839

past all this stuff and want to ignore

1869

01:09:43,030 --> 01:09:39,920

all this stuff and just say oh it

1870

01:09:44,070 --> 01:09:43,040

doesn't matter it's all love and stuff

1871

01:09:46,550 --> 01:09:44,080

like that

1872

01:09:48,390 --> 01:09:46,560

kind of what i see you doing is kind of

1873

01:09:51,030 --> 01:09:48,400

dragging them back

1874

01:09:53,590 --> 01:09:51,040

through it you know and say this is how

1875

01:09:55,910 --> 01:09:53,600

it works this is how it's practical yeah

1876

01:09:56,790 --> 01:09:55,920

this is how it's possible to do this

1877

01:09:58,630 --> 01:09:56,800

yeah

1878

01:10:01,030 --> 01:09:58,640

and i think that's i think whether

1879

01:10:02,709 --> 01:10:01,040

you're right or wrong on that

1880

01:10:05,510 --> 01:10:02,719

i applaud that i think that's an

1881

01:10:08,790 --> 01:10:05,520

important step you know in that

1882

01:10:09,910 --> 01:10:08,800

you know but ignore it at your own peril

1883

01:10:13,830 --> 01:10:09,920

you know

1884

01:10:18,229 --> 01:10:13,840

ignore it at your own uh mooney cult or

1885

01:10:19,750 --> 01:10:18,239

tm cult or christian cult you know

1886

01:10:22,630 --> 01:10:19,760

ignore it

1887

01:10:24,790 --> 01:10:22,640

at your own peril is kind of what kind

1888

01:10:26,310 --> 01:10:24,800

of what i hear you saying i hear you

1889

01:10:29,590 --> 01:10:26,320

saying you know if we're going to talk

1890

01:10:31,830 --> 01:10:29,600

let's be as precise as we can and here's

1891

01:10:33,270 --> 01:10:31,840

my attempt at doing that

1892

01:10:35,350 --> 01:10:33,280

that's what i think deep reality

1893

01:10:37,350 --> 01:10:35,360

connecting all the layers

1894

01:10:40,550 --> 01:10:37,360

it's deep because it connects all these

1895

01:10:42,310 --> 01:10:40,560

layers and all these topics as well so

1896

01:10:44,070 --> 01:10:42,320

it's it's deep and broad at the same

1897

01:10:46,229 --> 01:10:44,080

time

1898

01:10:48,390 --> 01:10:46,239

well fantastic i

1899

01:10:50,709 --> 01:10:48,400

worry that this

1900

01:10:52,229 --> 01:10:50,719

amazing work that you've done won't

1901

01:10:55,830 --> 01:10:52,239

possibly reach

1902

01:10:58,550 --> 01:10:55,840

as big an audience as it should but then

1903

01:11:01,350 --> 01:10:58,560

how could that possibly matter

1904

01:11:04,870 --> 01:11:01,360

it can only reach the people that it's

1905

01:11:08,149 --> 01:11:04,880

supposed to reach and if this interview

1906

01:11:11,590 --> 01:11:08,159

helps that a little bit more then that's

1907

01:11:13,669 --> 01:11:11,600

great but please do if you can check out

1908

01:11:14,950 --> 01:11:13,679

this book and i think i think he'll be

1909

01:11:16,870 --> 01:11:14,960

blown away

1910

01:11:18,709 --> 01:11:16,880

and i think it's it's an important piece

1911

01:11:21,350 --> 01:11:18,719

of the puzzle

1912

01:11:23,430 --> 01:11:21,360

so thanks so much for coming on doug

1913

01:11:24,870 --> 01:11:23,440

thanks again we'll have to do this

1914

01:11:27,350 --> 01:11:24,880

occasionally

1915

01:11:30,550 --> 01:11:27,360

whenever you get the itch to so so does

1916

01:11:33,189 --> 01:11:30,560

so did i uh did you give me the true

1917

01:11:35,030 --> 01:11:33,199

true uh skeptical experience today

1918

01:11:37,669 --> 01:11:35,040

because you held my feet to the fire

1919

01:11:41,270 --> 01:11:37,679

you got the treatment man believe me

1920

01:11:42,950 --> 01:11:41,280

i didn't feel like it was too bad

1921

01:11:45,270 --> 01:11:42,960

thanks again to doug matzke for joining

1922

01:11:47,110 --> 01:11:45,280

me today on skeptico the one question

1923

01:11:47,830 --> 01:11:47,120

i'd have to tee up from this interview

1924

01:11:57,030 --> 01:11:47,840

is

1925

01:11:59,110 --> 01:11:57,040

are currently pushing ai so prominently

1926

01:12:01,669 --> 01:11:59,120

into our life

1927

01:12:03,990 --> 01:12:01,679

are they evil let me know your thoughts

1928

01:12:06,790 --> 01:12:04,000

jump on over to the skeptico forum if

1929

01:12:09,030 --> 01:12:06,800

you like or drop me an email or find me

1930

01:12:11,430 --> 01:12:09,040

any way you will love to connect with

1931

01:12:13,430 --> 01:12:11,440

all of you who listen to and contribute

1932

01:12:15,910 --> 01:12:13,440

so much to this show

1933

01:12:17,540 --> 01:12:15,920

until next time take care and bye for

1934

01:12:31,140 --> 01:12:17,550

now