



...ing the future



1  
00:00:07,509 --> 00:00:02,899  
Thanks well thanks for having me here

2  
00:00:10,730 --> 00:00:07,519  
today the last time I addressed this SSC

3  
00:00:12,860 --> 00:00:10,740  
previously first time it was about 2007

4  
00:00:15,320 --> 00:00:12,870  
about my experience of anomalies and

5  
00:00:18,380 --> 00:00:15,330  
crop circles and then the year after

6  
00:00:20,720 --> 00:00:18,390  
that I came back and talked about what

7  
00:00:22,790 --> 00:00:20,730  
remote viewing tells us about UFOs and

8  
00:00:24,859 --> 00:00:22,800  
Roger Nelson has been twisting my arm

9  
00:00:26,929 --> 00:00:24,869  
every year about what I'm going to

10  
00:00:28,670 --> 00:00:26,939  
present next so thanks Roger and I also

11  
00:00:30,109 --> 00:00:28,680  
to thank Dan Sheehan for some

12  
00:00:33,860 --> 00:00:30,119  
conversations about this topic last year

13  
00:00:35,150 --> 00:00:33,870

so I've been looking for ideas and

14

00:00:36,979 --> 00:00:35,160

theories that explain some of the

15

00:00:38,299 --> 00:00:36,989

phenomena that we talked about the

16

00:00:40,160 --> 00:00:38,309

things were interested in in this

17

00:00:42,680 --> 00:00:40,170

society and I haven't really come up

18

00:00:46,160 --> 00:00:42,690

with anything except recently I came

19

00:00:47,540 --> 00:00:46,170

across the idea of many worlds many

20

00:00:49,880 --> 00:00:47,550

worlds interpretation so I thought I'd

21

00:00:52,700 --> 00:00:49,890

investigate it so where does this begin

22

00:00:54,290 --> 00:00:52,710

it actually interesting enough has its

23

00:00:56,439 --> 00:00:54,300

genesis with the Copenhagen

24

00:00:59,510 --> 00:00:56,449

interpretation of quantum physics

25

00:01:01,369 --> 00:00:59,520

because if you know anything about the

26

00:01:03,799 --> 00:01:01,379

Copenhagen interpretation it tells us

27

00:01:05,359 --> 00:01:03,809

it's considered a non realistic model

28

00:01:07,280 --> 00:01:05,369

because it tells us there's a separation

29

00:01:08,570 --> 00:01:07,290

between the macrocosmic worlds which we

30

00:01:11,420 --> 00:01:08,580

experience personally and the

31

00:01:13,910 --> 00:01:11,430

microcosmic world of subatomic particles

32

00:01:15,469 --> 00:01:13,920

and basically it goes even further to

33

00:01:17,120 --> 00:01:15,479

tell us that there is no quantum world

34

00:01:19,880 --> 00:01:17,130

there's dis quantum description and

35

00:01:21,770 --> 00:01:19,890

people who were associated with Niels

36

00:01:23,450 --> 00:01:21,780

Bohr and his assistants basically told

37

00:01:25,039 --> 00:01:23,460

us don't look to quantum mechanics to

38

00:01:27,050 --> 00:01:25,049

explain anything else out of quantum

39

00:01:28,460 --> 00:01:27,060

mechanics it's not there's no quantum

40

00:01:29,929 --> 00:01:28,470

world there's this quantum description

41

00:01:31,730 --> 00:01:29,939

and all we need our classical

42

00:01:34,520 --> 00:01:31,740

measurements to tell us about the

43

00:01:36,920 --> 00:01:34,530

quantum world basically what Bohr said

44

00:01:39,859 --> 00:01:36,930

is that we're just reformulating

45

00:01:41,359 --> 00:01:39,869

classical mechanics to adapt for the you

46

00:01:43,069 --> 00:01:41,369

know to the existence of the quantum of

47

00:01:46,999 --> 00:01:43,079

action well a lot of people found this

48

00:01:48,920 --> 00:01:47,009

kind of not very satisfactory and there

49

00:01:50,660 --> 00:01:48,930

are two main challenges to Copenhagen

50

00:01:52,100 --> 00:01:50,670

and I know people have different ideas

51  
00:01:53,210 --> 00:01:52,110  
about what Copenhagen is but we only

52  
00:01:54,889 --> 00:01:53,220  
have ten minutes so we have to kind of

53  
00:01:58,130 --> 00:01:54,899  
keep it simple one is the preferred

54  
00:01:59,690 --> 00:01:58,140  
basis problem if everything at the basis

55  
00:02:01,730 --> 00:01:59,700  
of reality is generated from the

56  
00:02:03,590 --> 00:02:01,740  
Schrodinger wave equation why don't we

57  
00:02:05,510 --> 00:02:03,600  
see a kind of smeared out featureless

58  
00:02:06,950 --> 00:02:05,520  
wave-like reality why do things appear

59  
00:02:10,040 --> 00:02:06,960  
solid why didn't they take the features

60  
00:02:12,680 --> 00:02:10,050  
that they do and that's why does it

61  
00:02:14,090 --> 00:02:12,690  
appear to us the way it does secondly

62  
00:02:16,280 --> 00:02:14,100  
this is what Schrodinger referred to as

63  
00:02:18,920 --> 00:02:16,290

jellyfish occasion how come we don't

64

00:02:20,150 --> 00:02:18,930

observe the macrocosmic superpositions

65

00:02:21,950 --> 00:02:20,160

why do we see things at particular

66

00:02:24,770 --> 00:02:21,960

colors they are the temperature that it

67

00:02:26,660 --> 00:02:24,780

isn't so forth secondly the problem of

68

00:02:27,710 --> 00:02:26,670

infinite regression where does

69

00:02:29,870 --> 00:02:27,720

observation end

70

00:02:31,460 --> 00:02:29,880

I mean if someone's observing an

71

00:02:32,990 --> 00:02:31,470

experiment what about if something

72

00:02:34,280 --> 00:02:33,000

someone's observing the observer or

73

00:02:36,740 --> 00:02:34,290

where does then this is called infinite

74

00:02:38,060 --> 00:02:36,750

regression I mean if this were true

75

00:02:40,040 --> 00:02:38,070

right now I'm observing you and I'm

76

00:02:42,800 --> 00:02:40,050

collapsing all your quantum waves in a

77

00:02:45,440 --> 00:02:42,810

sense you're getting very small so so

78

00:02:48,530 --> 00:02:45,450

those are two challenges and von neumann

79

00:02:50,930 --> 00:02:48,540

came up with one idea to deal with this

80

00:02:52,850 --> 00:02:50,940

which was to create the idea that

81

00:02:54,260 --> 00:02:52,860

there's a wave collapse which some

82

00:02:56,480 --> 00:02:54,270

people refer to as a disappearing

83

00:02:59,710 --> 00:02:56,490

world's theory because when we take a

84

00:03:02,480 --> 00:02:59,720

quantum measurement we see a particular

85

00:03:04,460 --> 00:03:02,490

measurement from our classical measuring

86

00:03:06,770 --> 00:03:04,470

apparatus but all the other states in

87

00:03:07,910 --> 00:03:06,780

the quantum wave disappear some people

88

00:03:11,990 --> 00:03:07,920

call it don't-ask don't-tell

89

00:03:14,000 --> 00:03:12,000

so where do they go okay so the von

90

00:03:16,190 --> 00:03:14,010

Norman proposed that everything does

91

00:03:17,810 --> 00:03:16,200

evolve at a subatomic level you know

92

00:03:19,850 --> 00:03:17,820

over time from the Schrodinger wave

93

00:03:22,220 --> 00:03:19,860

equation but that the act of measurement

94

00:03:24,170 --> 00:03:22,230

arbitrarily and instantaneously projects

95

00:03:25,640 --> 00:03:24,180

one element onto classical reality is

96

00:03:27,500 --> 00:03:25,650

still very dependent on classical

97

00:03:29,360 --> 00:03:27,510

reality is that your abstract ego

98

00:03:32,590 --> 00:03:29,370

whatever that means is what collapses

99

00:03:35,030 --> 00:03:32,600

the wavefunction Hugh Everett the third

100

00:03:36,440 --> 00:03:35,040

didn't find this very acceptable he

101  
00:03:38,930 --> 00:03:36,450  
accepted the first axiom

102  
00:03:41,330 --> 00:03:38,940  
that we find the Schrodinger wave

103  
00:03:43,100 --> 00:03:41,340  
equation at the microscopic level but he

104  
00:03:45,050 --> 00:03:43,110  
said that wave collapse is an ad hoc

105  
00:03:46,400 --> 00:03:45,060  
idea that's more metaphysics and physics

106  
00:03:47,810 --> 00:03:46,410  
you're just throwing this in to make it

107  
00:03:49,130 --> 00:03:47,820  
seem to make sense but there's nothing

108  
00:03:51,170 --> 00:03:49,140  
in physics that tell us there should be

109  
00:03:55,160 --> 00:03:51,180  
wave collapse so he proposed a universal

110  
00:03:57,440 --> 00:03:55,170  
wavefunction in which the Schrodinger

111  
00:03:59,540 --> 00:03:57,450  
equation describes microscopic reality

112  
00:04:01,640 --> 00:03:59,550  
and macroscopic reality simultaneously

113  
00:04:05,840 --> 00:04:01,650

he wrote a dissertation about that which

114

00:04:07,340 --> 00:04:05,850

was later retitled by Bryce to it the

115

00:04:08,960 --> 00:04:07,350

prices and they called it the

116

00:04:10,630 --> 00:04:08,970

many-worlds interpretation but he called

117

00:04:13,370 --> 00:04:10,640

it the universal wavefunction

118

00:04:15,770 --> 00:04:13,380

now very interestingly enough on page

119

00:04:17,390 --> 00:04:15,780

six in a footnote he refers to von

120

00:04:19,789 --> 00:04:17,400

Norman's idea of psychophysical

121

00:04:21,680 --> 00:04:19,799

parallelism which is really the kind of

122

00:04:23,620 --> 00:04:21,690

genesis of the multi worlds idea because

123

00:04:25,730 --> 00:04:23,630

what von neumann told us is that

124

00:04:27,680 --> 00:04:25,740

subjective states are equal

125

00:04:29,450 --> 00:04:27,690

to objective physical states from a

126

00:04:32,270 --> 00:04:29,460

physics point of view subjective

127

00:04:34,400 --> 00:04:32,280

phenomena are equally real to objective

128

00:04:36,439 --> 00:04:34,410

phenomena referred to extra physical

129

00:04:38,450 --> 00:04:36,449

processes whatever people have different

130

00:04:40,129 --> 00:04:38,460

interpretations of what that means but

131

00:04:42,290 --> 00:04:40,139

he kind of created this idea that there

132

00:04:43,909 --> 00:04:42,300

are alternative possibilities so ever it

133

00:04:45,290 --> 00:04:43,919

believed that quantum mechanics should

134

00:04:47,360 --> 00:04:45,300

stand on its own the many-worlds

135

00:04:50,960 --> 00:04:47,370

interpretation without reference to

136

00:04:53,029 --> 00:04:50,970

observer or classical dynamics the

137

00:04:55,159 --> 00:04:53,039

observer isn't a superposition to the

138

00:04:56,360 --> 00:04:55,169

experimenter is in a superposition the

139

00:04:59,360 --> 00:04:56,370

measuring equipment is in a

140

00:05:01,550 --> 00:04:59,370

superposition so all of these are real

141

00:05:03,890 --> 00:05:01,560

realities and the way ever it dealt with

142

00:05:05,450 --> 00:05:03,900

it is said it's not that the system is

143

00:05:06,950 --> 00:05:05,460

affected by the observer it's the

144

00:05:09,320 --> 00:05:06,960

observer hukum becomes affected by the

145

00:05:11,659 --> 00:05:09,330

system all the realities are real that

146

00:05:13,850 --> 00:05:11,669

are scribed by the superposition and in

147

00:05:15,980 --> 00:05:13,860

in this world quantum entanglement is

148

00:05:18,260 --> 00:05:15,990

just correlation and so he basically

149

00:05:21,499 --> 00:05:18,270

tells us that we're constantly splitting

150

00:05:23,210 --> 00:05:21,509

off every nanosecond into different

151  
00:05:25,610 --> 00:05:23,220  
branches were not aware of the splitting

152  
00:05:28,640 --> 00:05:25,620  
and we're being pulled into the quantum

153  
00:05:30,560 --> 00:05:28,650  
wave at every moment in a superposition

154  
00:05:33,700 --> 00:05:30,570  
so we're ourselves in a superposition

155  
00:05:36,260 --> 00:05:33,710  
but we only see excuse me for a second a

156  
00:05:39,409 --> 00:05:36,270  
small sliver of it the observer forms a

157  
00:05:41,270 --> 00:05:39,419  
trajectory not a line so there's the

158  
00:05:42,800 --> 00:05:41,280  
classical Copenhagen interpretation and

159  
00:05:45,589 --> 00:05:42,810  
there's ever an interpretation constant

160  
00:05:47,629 --> 00:05:45,599  
branching whatever it said that these

161  
00:05:49,129 --> 00:05:47,639  
branches never interact again so it's

162  
00:05:51,110 --> 00:05:49,139  
not very satisfying for most of us

163  
00:05:53,659 --> 00:05:51,120

looking at these phenomena a newer

164

00:05:55,159 --> 00:05:53,669

version of this and we have to go over

165

00:05:58,520 --> 00:05:55,169

this quickly because of the time is the

166

00:06:00,920 --> 00:05:58,530

many interacting worldview no miw which

167

00:06:02,600 --> 00:06:00,930

says all quantum phenomena are the

168

00:06:04,370 --> 00:06:02,610

outcome of a near infinite number of

169

00:06:07,159 --> 00:06:04,380

interacting parallel realities that

170

00:06:09,290 --> 00:06:07,169

already exists basically this model is

171

00:06:09,620 --> 00:06:09,300

what is quantum mechanics done for you

172

00:06:12,920 --> 00:06:09,630

lately

173

00:06:15,260 --> 00:06:12,930

they basically these people of Hall

174

00:06:16,999 --> 00:06:15,270

Deckard and Wiseman from Australia

175

00:06:19,339 --> 00:06:17,009

basically argue that you we can

176

00:06:21,409 --> 00:06:19,349

reproduce all quantum phenomena from the

177

00:06:23,350 --> 00:06:21,419

interactions of parallel realities the

178

00:06:25,520 --> 00:06:23,360

quantum wave is an epiphenomenon of

179

00:06:26,300 --> 00:06:25,530

interaction between near parallel

180

00:06:30,890 --> 00:06:26,310

realities

181

00:06:34,129 --> 00:06:30,900

generated every nanosecond these all

182

00:06:36,110 --> 00:06:34,139

parallel realities are considered to pre

183

00:06:37,640 --> 00:06:36,120

exist from the beginning of time there's

184

00:06:40,280 --> 00:06:37,650

an near infinite number

185

00:06:42,350 --> 00:06:40,290

of them and they're not quite parallel

186

00:06:44,360 --> 00:06:42,360

because they do interact so it's kind of

187

00:06:46,310 --> 00:06:44,370

a combination between bohmian dynamics

188

00:06:48,100 --> 00:06:46,320

except instead of one pilot wave there's

189

00:06:50,770 --> 00:06:48,110

a multi-dimensional pilot wave and

190

00:06:54,620 --> 00:06:50,780

Everett's many-worlds interpretation

191

00:06:56,779 --> 00:06:54,630

parallel realities interact when they're

192

00:06:58,969 --> 00:06:56,789

in similar configuration spaces they

193

00:07:00,469 --> 00:06:58,979

create very small repulsive pressures on

194

00:07:04,610 --> 00:07:00,479

our own reality that gives rise to all

195

00:07:05,659 --> 00:07:04,620

quantum mechanical processes the people

196

00:07:08,360 --> 00:07:05,669

that are researching this have

197

00:07:10,100 --> 00:07:08,370

calculated through simulations that 41

198

00:07:11,629 --> 00:07:10,110

parallel realities per electron are

199

00:07:13,820 --> 00:07:11,639

enough to reproduce many quantum

200

00:07:16,310 --> 00:07:13,830

experiments including double Swit double

201  
00:07:19,490 --> 00:07:16,320  
slit and quantum tunneling zero-point

202  
00:07:21,409 --> 00:07:19,500  
energy and this is the simulation of the

203  
00:07:23,689 --> 00:07:21,419  
double slit experiment purely from

204  
00:07:25,340 --> 00:07:23,699  
parallel realities alone 41 parallel

205  
00:07:27,770 --> 00:07:25,350  
realities the reason it doesn't match

206  
00:07:29,779 --> 00:07:27,780  
exactly is this theorem works in what's

207  
00:07:31,070 --> 00:07:29,789  
called the continuum limit which means

208  
00:07:32,629 --> 00:07:31,080  
we don't have an infinite number of

209  
00:07:34,850 --> 00:07:32,639  
parallel realities in the simulation

210  
00:07:37,150 --> 00:07:34,860  
here this is just 41 but it looks pretty

211  
00:07:39,529 --> 00:07:37,160  
close to what you see from double slit

212  
00:07:41,689 --> 00:07:39,539  
now I just did some quick calculations

213  
00:07:45,260 --> 00:07:41,699

and if we're 99% of our body is hydrogen

214

00:07:46,969 --> 00:07:45,270

oxygen carbon we would have 2.3 times

215

00:07:50,170 --> 00:07:46,979

ten to twenty eight electrons in our

216

00:07:52,339 --> 00:07:50,180

body and that means we could be react

217

00:07:54,020 --> 00:07:52,349

interacting with six point two times ten

218

00:07:56,540 --> 00:07:54,030

to the twenty-nine parallel realities

219

00:07:58,670 --> 00:07:56,550

potentially at each moment no I I know

220

00:08:00,110 --> 00:07:58,680

that's way over exaggerated but this is

221

00:08:03,170 --> 00:08:00,120

what this theory is talking about for

222

00:08:05,719 --> 00:08:03,180

real no joke 620 billion billion billion

223

00:08:07,129 --> 00:08:05,729

parallel realities now here's one of the

224

00:08:08,270 --> 00:08:07,139

most interesting statements I mean it's

225

00:08:09,890 --> 00:08:08,280

a von Neumann statement about

226

00:08:11,960 --> 00:08:09,900

psychophysical parallelism is

227

00:08:14,089 --> 00:08:11,970

interesting this is what they say it's

228

00:08:16,219 --> 00:08:14,099

not part of our theory but the idea of

229

00:08:19,460 --> 00:08:16,229

human interactions with other universes

230

00:08:20,899 --> 00:08:19,470

is no longer pure fantasy I mean that

231

00:08:22,430 --> 00:08:20,909

really stopped me when I saw that these

232

00:08:24,170 --> 00:08:22,440

are you know peer-reviewed mainstream

233

00:08:26,510 --> 00:08:24,180

physicists saying that physicists saying

234

00:08:28,790 --> 00:08:26,520

we interact with parallel realities and

235

00:08:30,680 --> 00:08:28,800

I think that this has really big

236

00:08:32,149 --> 00:08:30,690

applications if you think of this type

237

00:08:33,800 --> 00:08:32,159

of phenomena we study because it's

238

00:08:36,199 --> 00:08:33,810

basically saying that all of these types

239

00:08:38,390 --> 00:08:36,209  
of phenomena are a result

240

00:08:39,980 --> 00:08:38,400  
take your pick and we no time to go

241

00:08:42,260 --> 00:08:39,990  
through them here result to bleed

242

00:08:44,000 --> 00:08:42,270  
through from parallel realities this is

243

00:08:45,350 --> 00:08:44,010  
what they're telling us and I got I

244

00:08:47,480 --> 00:08:45,360  
think this theory got a little boast

245

00:08:49,250 --> 00:08:47,490  
from Larry boost from Larry disease talk

246

00:08:51,079 --> 00:08:49,260  
because basically what they're saying is

247

00:08:52,249 --> 00:08:51,089  
similar configuration spaces they

248

00:08:54,889 --> 00:08:52,259  
have to be close physically but

249

00:08:56,119 --> 00:08:54,899  
similarly configured interact more often

250

00:08:58,549 --> 00:08:56,129  
and that's what Larry was telling us

251

00:09:00,949 --> 00:08:58,559

with his study of twins the more that

252

00:09:02,179 --> 00:09:00,959

things are similarly structured the more

253

00:09:03,160 --> 00:09:02,189

great you're going to get this type of

254

00:09:07,249 --> 00:09:03,170

bleeder

255

00:09:09,049 --> 00:09:07,259

and another feature of miw theory is

256

00:09:10,850 --> 00:09:09,059

that non-local effects don't only come

257

00:09:12,439 --> 00:09:10,860

from parallel realities but from high

258

00:09:14,980 --> 00:09:12,449

degrees of correlation what they call

259

00:09:17,780 --> 00:09:14,990

super nonlocality from our own reality

260

00:09:21,110 --> 00:09:17,790

so this might include some PK and some

261

00:09:22,970 --> 00:09:21,120

types of remote viewing so we don't need

262

00:09:25,689 --> 00:09:22,980

parallel realities for non-local effects

263

00:09:28,549 --> 00:09:25,699

they come from both our reality and from

264

00:09:29,780 --> 00:09:28,559

parallel realities now if you like the

265

00:09:31,189 --> 00:09:29,790

idea of this you're going to have to let

266

00:09:33,170 --> 00:09:31,199

go over the paranormal because this

267

00:09:34,939 --> 00:09:33,180

theory is saying that paranormal is

268

00:09:36,799 --> 00:09:34,949

normal in a world of multi-purpose

269

00:09:38,660 --> 00:09:36,809

you're going to get bleed through so you

270

00:09:40,129 --> 00:09:38,670

better get used to it if you don't like

271

00:09:41,660 --> 00:09:40,139

the idea bleed through just find another

272

00:09:43,489 --> 00:09:41,670

multiverse where it doesn't happen so

273

00:09:44,929 --> 00:09:43,499

much this is this is really what they're

274

00:09:46,819 --> 00:09:44,939

saying so basically you're saying the

275

00:09:49,699 --> 00:09:46,829

multiverse is an ultra weak but highly

276

00:09:51,559 --> 00:09:49,709

precise super structure of looks we only

277

00:09:53,600 --> 00:09:51,569

perceive the tile a tiny fraction at any

278

00:09:55,249 --> 00:09:53,610

moment quantum mechanics isn't the

279

00:09:56,660 --> 00:09:55,259

fundamental reality multiverse two

280

00:09:58,489 --> 00:09:56,670

interactions are it's basically saying

281

00:10:00,049 --> 00:09:58,499

that what we have is that we see the

282

00:10:02,119 --> 00:10:00,059

Internet that's a toy compared to this

283

00:10:04,160 --> 00:10:02,129

huge interaction of multi versus which

284

00:10:06,110 --> 00:10:04,170

produces what we see would seem to be

285

00:10:07,910 --> 00:10:06,120

quantum place and one cool thing that

286

00:10:10,519 --> 00:10:07,920

drops out of this seems to me is perhaps

287

00:10:12,939 --> 00:10:10,529

dark energy I didn't get a picture of it

288

00:10:15,199 --> 00:10:12,949

because no one's seen it yet I can't but

289

00:10:18,259 --> 00:10:15,209

dark energy we're told as repulsive

290

00:10:21,319 --> 00:10:18,269

forces this theory works from repulsive

291

00:10:23,689 --> 00:10:21,329

forces to and maybe human creativity

292

00:10:25,249 --> 00:10:23,699

because perhaps geniuses and people that

293

00:10:27,199 --> 00:10:25,259

come up with really creative ideas are

294

00:10:28,669 --> 00:10:27,209

simply perceiving parallel realities

295

00:10:30,559 --> 00:10:28,679

that are very close to us but we

296

00:10:33,290 --> 00:10:30,569

normally don't perceive you could work

297

00:10:35,869 --> 00:10:33,300

with that idea imagination can be seen

298

00:10:38,389 --> 00:10:35,879

as a real parallel reality consciousness

299

00:10:41,900 --> 00:10:38,399

it's spread out now I have to thank rust

300

00:10:43,460 --> 00:10:41,910

art in a sense for this because at the

301  
00:10:45,530 --> 00:10:43,470  
urban meeting a couple years ago he said

302  
00:10:46,819 --> 00:10:45,540  
quantum mechanics remote viewing is

303  
00:10:48,530 --> 00:10:46,829  
nothing it was quantum mechanics it

304  
00:10:50,600 --> 00:10:48,540  
exists because you're a very large beam

305  
00:10:52,309 --> 00:10:50,610  
that spans space and time and this is

306  
00:10:53,600 --> 00:10:52,319  
kind of saying something similar except

307  
00:10:55,549 --> 00:10:53,610  
you're lots of little beans over many

308  
00:10:57,679 --> 00:10:55,559  
parallel realities so basically miw

309  
00:10:58,280 --> 00:10:57,689  
theory is the Roman Inquisition is worse

310  
00:11:00,049 --> 00:10:58,290  
a nightmare

311  
00:11:02,269 --> 00:11:00,059  
I mean this is saying things are

312  
00:11:03,499 --> 00:11:02,279  
infinite and we interact with them not

313  
00:11:03,840 --> 00:11:03,509

what they wanted to hear back then at

314

00:11:05,100 --> 00:11:03,850

least

315

00:11:07,530 --> 00:11:05,110

we don't get burned at the stake for

316

00:11:08,879 --> 00:11:07,540

saying it and weirdly enough it's kind

317

00:11:10,189 --> 00:11:08,889

of consistent with hidden variables

318

00:11:13,769 --> 00:11:10,199

which Einstein talked about the

319

00:11:15,930 --> 00:11:13,779

multiverses and more because it's saying

320

00:11:18,120 --> 00:11:15,940

that actually it's classical is it's not

321

00:11:20,999 --> 00:11:18,130

it's not hidden and even ever in

322

00:11:23,280 --> 00:11:21,009

Australia of relative states so

323

00:11:25,139 --> 00:11:23,290

basically the conclusion is if you

324

00:11:27,540 --> 00:11:25,149

believe this model and reality leaks and

325

00:11:28,920 --> 00:11:27,550

that's the type of reality we live in so

326

00:11:36,660 --> 00:11:28,930

I think it's worthy of consideration

327

00:11:44,910 --> 00:11:36,670

okay thank you we have just a few

328

00:11:51,960 --> 00:11:44,920

minutes yet legends well don't everybody

329

00:11:54,689 --> 00:11:51,970

come roaring up here at once Oh a very

330

00:11:58,379 --> 00:11:54,699

cool idea yeah you really got the

331

00:12:00,210 --> 00:11:58,389

calculation of 10 to the 23rd what does

332

00:12:02,040 --> 00:12:00,220

that refer you to exactly parallel

333

00:12:03,900 --> 00:12:02,050

realities that you'd be interacting to

334

00:12:04,980 --> 00:12:03,910

just counting your electrons because

335

00:12:07,259 --> 00:12:04,990

this is kind of a physically-based

336

00:12:08,280 --> 00:12:07,269

pressure model based on particle you see

337

00:12:10,350 --> 00:12:08,290

those are basically the number of

338

00:12:12,329 --> 00:12:10,360

electrons in the human body based on

339

00:12:14,249 --> 00:12:12,339

their calculations of how many parallel

340

00:12:15,990 --> 00:12:14,259

realities per electron you need to

341

00:12:18,059 --> 00:12:16,000

recreate what we call quantum mechanics

342

00:12:20,040 --> 00:12:18,069

another question is that's the number

343

00:12:22,650 --> 00:12:20,050

for a static situation no this is

344

00:12:26,550 --> 00:12:22,660

dynamic don't you have huge numbers of a

345

00:12:27,900 --> 00:12:26,560

new entity a new possibility that's

346

00:12:28,829 --> 00:12:27,910

emerging out of we're up somewhere and

347

00:12:30,929 --> 00:12:28,839

they never they're gonna grow us here

348

00:12:32,550 --> 00:12:30,939

enormous Lee that's my rock and they're

349

00:12:34,379 --> 00:12:32,560

right or wrong about that no you're

350

00:12:35,819 --> 00:12:34,389

right it this is just you know it's just

351

00:12:37,889 --> 00:12:35,829

kind of a model and that's just a

352

00:12:39,689 --> 00:12:37,899

minimum a number and obviously we're not

353

00:12:41,040 --> 00:12:39,699

interacting with every possible parallel

354

00:12:42,870 --> 00:12:41,050

reality because it doesn't anything to

355

00:12:44,550 --> 00:12:42,880

do with you so if you have to look at

356

00:12:45,929 --> 00:12:44,560

the number you were interacting with you

357

00:12:47,280 --> 00:12:45,939

have to scale it down a bit but that's

358

00:12:50,240 --> 00:12:47,290

just looking at electrons that's out of

359

00:12:52,679 --> 00:12:50,250

their model you know is working someone

360

00:12:55,410 --> 00:12:52,689

with the ability to make a quantum

361

00:12:57,269 --> 00:12:55,420

computer or if it wasn't possible to

362

00:12:58,800 --> 00:12:57,279

make it depend in some way on this or

363

00:13:02,600 --> 00:12:58,810

would you still be able to make a

364

00:13:04,910 --> 00:13:02,610

quantum computer in a leaky reality

365

00:13:07,550 --> 00:13:04,920

that's a really good question Winston I

366

00:13:10,460 --> 00:13:07,560

don't know the answer to it I mean it

367

00:13:14,780 --> 00:13:10,470

would suggest that you would have to be

368

00:13:17,960 --> 00:13:14,790

correlated with other objects and things

369

00:13:19,160 --> 00:13:17,970

in the space that you're working with

370

00:13:21,230 --> 00:13:19,170

not the physical space by the

371

00:13:22,880 --> 00:13:21,240

configuration space but this model says

372

00:13:24,740 --> 00:13:22,890

that quantum mechanics isn't the

373

00:13:26,300 --> 00:13:24,750

fundamental reality that's it's just an

374

00:13:28,009 --> 00:13:26,310

interference pattern it's an

375

00:13:30,290 --> 00:13:28,019

interference pattern between like you

376

00:13:33,110 --> 00:13:30,300

have strings and you're the harmonic in

377

00:13:34,600 --> 00:13:33,120

between it and that it's there but it's

378

00:13:36,800 --> 00:13:34,610

coming from something else deeper yeah

379

00:13:39,139 --> 00:13:36,810

so I'm gonna sort of dumb down the

380

00:13:41,329 --> 00:13:39,149

conversation little I apologize not

381

00:13:44,269 --> 00:13:41,339

being able to speak in your terms but I

382

00:13:46,100 --> 00:13:44,279

know that one visual metaphor that's

383

00:13:47,269 --> 00:13:46,110

really helped me conceptualize I feel

384

00:13:49,730 --> 00:13:47,279

like what you're saying although I could

385

00:13:52,819 --> 00:13:49,740

be totally wrong and I it's not my own

386

00:13:57,710 --> 00:13:52,829

idea it was it was someone else's and

387

00:14:00,949 --> 00:13:57,720

but anyway is this idea that it's like a

388

00:14:03,470 --> 00:14:00,959

bunch of film like of a movie that's

389

00:14:05,840 --> 00:14:03,480

physical and like exists somewhere and

390

00:14:09,110 --> 00:14:05,850

every decision you make you make a new

391

00:14:11,689 --> 00:14:09,120

film and that all of that already exists

392

00:14:14,000 --> 00:14:11,699

for all consciousness decisions and our

393

00:14:17,240 --> 00:14:14,010

consciousness is just like a speck that

394

00:14:18,860 --> 00:14:17,250

linearly walks along that film and so

395

00:14:20,930 --> 00:14:18,870

where that speck chooses to go is our

396

00:14:22,220 --> 00:14:20,940

freewill the destiny is the fact that

397

00:14:23,990 --> 00:14:22,230

all those films have already been

398

00:14:26,150 --> 00:14:24,000

created so I don't know what helps them

399

00:14:29,180 --> 00:14:26,160

that that is it you got it yes thank you

400

00:14:32,080 --> 00:14:29,190

thank you okay

