



THE THERMO-COMPOSITIONAL DIABATIC
CONVECTION IN THE ATMOSPHERES OF
BROWN DWARFS & EARTH'S
ATMOSPHERE & OCEANS
PASCAL TREMBLIN

1
00:00:01,350 --> 00:00:11,140

[Music]

2
00:00:21,950 --> 00:00:14,620

it was or four fine black bands

3
00:00:25,550 --> 00:00:21,960

enjoy the object if you go to 2 to which

4
00:00:29,900 --> 00:00:25,560

have to fail 28 who objects lady while

5
00:00:32,810 --> 00:00:29,910

swing whitfield ticket of boots a

6
00:00:35,540 --> 00:00:32,820

classic radiative hard disk convective

7
00:00:41,810 --> 00:00:35,550

equilibrium model one 10 as we disk

8
00:00:45,410 --> 00:00:41,820

is urgent getting things that does not

9
00:00:47,630 --> 00:00:45,420

work sluggish in unidoses kring to reduce

10
00:00:50,270 --> 00:00:47,640

from flex current in the wild bunch yesterday

11
00:00:52,990 --> 00:00:50,280

a mourning traditionally what has been

12
00:01:05,149 --> 00:01:03,139

you get back then you

13
00:01:06,790 --> 00:01:05,159

did you need is in need another time of

14

00:01:10,460 --> 00:01:06,800

cloud

15

00:01:12,080 --> 00:01:10,470

what we have done to show that he is

16

00:01:14,530 --> 00:01:12,090

another solutions that is actually to

17

00:01:20,330 --> 00:01:14,540

reduce the temperature and the deep

18

00:01:22,730 --> 00:01:20,340

the es2 because of bugs are coming from

19

00:01:27,610 --> 00:01:22,740

dee player ips this layers haiku their

20

00:01:31,430 --> 00:01:29,420

2h on wii result

21

00:01:33,770 --> 00:01:31,440

yes solutions that is it was very

22

00:01:36,820 --> 00:01:33,780

well and we can't explain almost all is

23

00:01:40,040 --> 00:01:36,830

not all bran must spectrum including

24

00:01:45,290 --> 00:01:40,050

its part of the water gravity one very

25

00:02:21,470 --> 00:01:45,300

difficult to rice product in title it's

26

00:02:31,199 --> 00:02:29,400

suddenly to reduce our candidacy and

27

00:02:36,600 --> 00:02:31,209

12 is in progress from radio things

28

00:02:39,660 --> 00:02:36,610

eurasiatic flex one possibilities

29

00:02:42,120 --> 00:02:39,670

news like big sean bean mauritius

30

00:02:50,190 --> 00:02:42,130

is also in food is because you pretty

31

00:02:56,490 --> 00:02:50,200

come-back swing diabate reduce the knee

32

00:02:59,550 --> 00:02:56,500

of an expedition ford wayne wang cloud

33

00:03:01,080 --> 00:02:59,560

or solutions so that they actually to

34

00:03:02,819 --> 00:03:01,090

realize that what

35

00:03:05,280 --> 00:03:02,829

they are the bodies and the ty with

36

00:03:08,099 --> 00:03:05,290

the foundation there was the occasion jet all

37

00:03:10,110 --> 00:03:08,109

this be here the arrs you dominati en

38

00:03:12,809 --> 00:03:10,120

all the sky soldier

39
00:03:16,559 --> 00:03:12,819
hot plates minutes yves either 200 m yohann

40
00:03:20,430 --> 00:03:16,569
transition little finger who must

41
00:03:23,370 --> 00:03:20,440
transition following smiles complicated as

42
00:03:25,050 --> 00:03:23,380
to the study all chemistry so what if the

43
00:03:27,059 --> 00:03:25,060
chemistry of transition social showcase

44
00:03:29,250 --> 00:03:27,069
fort hills and bolt or a

45
00:03:32,699 --> 00:03:29,260
competition pact viaur mediate mosphere in

46
00:03:35,370 --> 00:03:32,709
products or 7 of sentheim it gives us

47
00:03:44,520 --> 00:03:35,380
the exact actually we need it to extend

48
00:03:52,920 --> 00:03:44,530
the viewers can make this process then

49
00:03:54,390 --> 00:03:52,930
director ali khan a fight it was

50
00:03:58,650 --> 00:03:54,400
necessary that what is comin showcase

51

00:04:00,150 --> 00:03:58,660

to designs and objective is so

52

00:04:04,589 --> 00:04:00,160

important and that it's not as diabetes

53

00:04:06,809 --> 00:04:04,599

quebec at aso admitted so done

54

00:04:10,740 --> 00:04:06,819

is important think that is not

55

00:04:16,620 --> 00:04:10,750

adiabatic yu ping en willisau

56

00:04:18,780 --> 00:04:16,630

flattering fit to because of a lonely

57

00:04:21,650 --> 00:04:18,790

island of the same thing the quick

58

00:04:26,410 --> 00:04:21,660

system of nuclear power plant squatting

59

00:04:28,510 --> 00:04:26,420

everything flows you flow the hunter

60

00:04:35,220 --> 00:04:28,520

in fact this transit shannon the formation

61

00:04:38,320 --> 00:04:35,230

of little stimmen release of l'attend it

62

00:04:40,180 --> 00:04:38,330

is you can also in n'ote adiabatic

63

00:04:41,740 --> 00:04:40,190

like oaks box and scott firm to

64

00:04:48,940 --> 00:04:41,750

donkeys connection because you have

65

00:04:55,180 --> 00:04:48,950

salt in water in ground like diffuse rendered

66

00:05:03,340 --> 00:04:55,190

humpback to broadcasts off feminine to

67

00:05:04,960 --> 00:05:03,350

a star who pleases think so so hot list

68

00:05:06,520 --> 00:05:04,970

of what is willing to death note

69

00:05:08,560 --> 00:05:06,530

adiabatic who do not like each other killable

70

00:05:10,750 --> 00:05:08,570

energy exchange where awaits and iron

71

00:05:12,730 --> 00:05:10,760

modifies young radiative transfer or

72

00:05:14,260 --> 00:05:12,740

you have also compositional soup stamm

73

00:05:17,439 --> 00:05:14,270

chemical ouatchouan will be dried up

74

00:05:23,239 --> 00:05:20,329

we must fight everything costs suffocate it

75

00:05:26,269 --> 00:05:23,249

flight in connection this criterion to

76

00:05:28,670 --> 00:05:26,279

inactivate stability this one way there is

77

00:05:36,579 --> 00:05:28,680

diffusion coefficient 9 soldiers a

78

00:05:42,769 --> 00:05:39,679

you're going to have the steps nathalie

79

00:05:48,409 --> 00:05:42,779

adiabatic convective which means that

80

00:05:50,959 --> 00:05:48,419

their adiabatic money in between

81

00:05:52,489 --> 00:05:50,969

get organized figure one convection that is

82

00:06:02,529 --> 00:05:52,499

going to products getting complicated

83

00:06:21,499 --> 00:06:02,539

inverted tribute to michael hutchence and

84

00:06:22,850 --> 00:06:21,509

alicia keys at compeyre 3rd criterium we have to

85

00:06:24,230 --> 00:06:22,860

chain complicated stories

86

00:06:27,709 --> 00:06:24,240

ty complicated

87

00:06:32,629 --> 00:06:27,719

luigi star the deep and the late

88

00:06:35,839 --> 00:06:32,639

registered in saturate sees himself tweedy with a

89

00:06:40,369 --> 00:06:35,849

just to go back to the fiori they

90

00:06:44,059 --> 00:06:40,379

search standard boxes close the

91

00:06:52,759 --> 00:06:44,069

dia ba ty internal web disc boxes

92

00:06:55,249 --> 00:06:52,769

men in terms of entropy jeremy hunt his

93

00:06:57,439 --> 00:06:55,259

ex manager for if you do and in her

94

00:06:59,449 --> 00:06:57,449

stability analysis of the king and up

95

00:07:01,369 --> 00:06:59,459

with the seeks criteria that one loses

96

00:07:05,689 --> 00:07:01,379

a million jobs from shaoguan ian

97

00:07:07,549 --> 00:07:05,699

schultz adiabatic 1 to twitter mg to the

98

00:07:09,519 --> 00:07:07,559

hobbit taste there and that has jérémy

99

00:07:11,540 --> 00:07:09,529

holstein some compositions

100

00:07:13,339 --> 00:07:11,550

carriers composition of the firm in

101
00:07:17,379 --> 00:07:13,349
molecules hawaii bread nan composition

102
00:07:19,429 --> 00:07:17,389
the wind up with the le duce earthlings

103
00:07:27,710 --> 00:07:19,439
impact of them a molecule in ouaguenoun

104
00:07:32,960 --> 00:07:30,310
dunn actually and just to be done that

105
00:07:34,460 --> 00:07:32,970
source term all weekends included

106
00:07:40,610 --> 00:07:34,470
general once four tickets works

107
00:07:42,350 --> 00:07:40,620
at the finish him and if you do they know

108
00:07:45,950 --> 00:07:42,360
carriole the line and stability and at the

109
00:07:48,950 --> 00:07:45,960
10 ' homeland just like richard french

110
00:07:51,410 --> 00:07:48,960
stability the one that we're gonna call

111
00:07:53,270 --> 00:07:51,420
now adiabatic and criteriums because it

112
00:07:56,810 --> 00:07:53,280
does nothing gold from sources term un

113
00:08:00,830 --> 00:07:56,820

god new one this news rich in

114

00:08:02,720 --> 00:08:00,840

omega 6 omega prime if it doesn't work

115

00:08:04,910 --> 00:08:02,730

derivative words from sources

116

00:08:10,070 --> 00:08:04,920

term bricole this new critérium de

117

00:08:12,580 --> 00:08:10,080

diabetics one big bull right to

118

00:08:15,830 --> 00:08:12,590

replay interesting to realize that

119

00:08:17,640 --> 00:08:15,840

although convective chosen system

120

00:08:19,460 --> 00:08:17,650

falling all at full throttle

121

00:08:36,290 --> 00:08:31,670

also

122

00:08:42,050 --> 00:08:36,300

be put in the same as not been seen in

123

00:08:43,790 --> 00:08:42,060

the heart the same commune the white

124

00:08:45,550 --> 00:08:43,800

world basic lead the status miniature

125

00:08:48,040 --> 00:08:45,560

at saturation

126

00:08:52,690 --> 00:08:48,050

or at equilibrium il fut general

127

00:08:52,690 --> 00:09:01,150

chemistry this game is going to be

128

00:09:09,820 --> 00:09:03,820

higuain de pizzas the

129

00:09:13,600 --> 00:09:09,830

just be tough algebra generals the

130

00:09:18,250 --> 00:09:13,610

critérium de cannes explains odile

131

00:09:19,900 --> 00:09:18,260

situation costs be used for the cooling

132

00:09:21,820 --> 00:09:19,910

system of nuclear for that of death

133

00:09:23,560 --> 00:09:21,830

entrusts get it because the true lies

134

00:09:24,640 --> 00:09:23,570

diphasic rift system where all

135

00:09:26,740 --> 00:09:24,650

different pork

136

00:09:34,269 --> 00:09:26,750

we have done also generalization force

137

00:09:38,079 --> 00:09:34,279

public at bay for the situations of

138

00:09:43,150 --> 00:09:38,089

canoeists this criterion probably many

139

00:09:45,280 --> 00:09:43,160

more from uqam probably a brand black

140

00:09:47,380 --> 00:09:45,290

a break and repressive system from an

141

00:09:49,570 --> 00:09:47,390

informed source this tribune of conversion to be

142

00:09:51,310 --> 00:09:49,580

initiated from fort hood on this strong theme

143

00:09:53,230 --> 00:09:51,320

and energy by radiative transfer of

144

00:10:03,520 --> 00:09:53,240

white sox pretty things with michael

145

00:10:05,620 --> 00:10:03,530

jackson and a goal of bischoff a similar

146

00:10:08,110 --> 00:10:05,630

pictures strong if also completed radiative

147

00:10:10,540 --> 00:10:08,120

connection move it up temperature

148

00:10:13,449 --> 00:10:10,550

three times that this one is strong

149

00:10:17,769 --> 00:10:13,459

increased by kostoff civilian cars and

150

00:10:19,720 --> 00:10:17,779

a food crisis city way to describe

151

00:10:21,430 --> 00:10:19,730

its way us brings in terms of

152

00:10:30,040 --> 00:10:21,440

dependence on energy theme sources on

153

00:10:32,050 --> 00:10:30,050

this term of composition 19 go for them

154

00:10:34,150 --> 00:10:32,060

to explain to see if i could work in den

155

00:10:37,870 --> 00:10:34,160

brande oif a general idea mixing

156

00:10:39,280 --> 00:10:37,880

the imgw you to do that what we will like

157

00:10:44,350 --> 00:10:39,290

that is adiabatic as the what is

158

00:10:45,699 --> 00:10:44,360

concerned with of our

159

00:10:47,680 --> 00:10:45,709

diabetic colleague as because of the on this

160

00:10:49,630 --> 00:10:47,690

theme baptized line is a dukan diet

161

00:10:52,180 --> 00:10:49,640

beginning of the campaign or account there would be

162

00:10:53,139 --> 00:10:52,190

finishes to the fans copy that is about

163

00:10:54,819 --> 00:10:53,149

us aligning a diet

164

00:10:57,639 --> 00:10:54,829

andy gibb system is dependent

165

00:11:00,610 --> 00:10:57,649

composition and when you're building

166

00:11:01,990 --> 00:11:00,620

yomix yngling fiori either your toys ya

167

00:11:03,550 --> 00:11:02,000

built caisson du haf de standaard

168

00:11:07,030 --> 00:11:03,560

adiabatic brisbane river

169

00:11:12,490 --> 00:11:07,040

secret areas hymn to the albert duquesne stadium

170

00:11:14,500 --> 00:11:12,500

use his new york city view this position

171

00:11:14,500 --> 00:11:17,400

also explains these extras term the canadian area

172

00:11:22,000 --> 00:11:19,840

nacho the isi saïdia is not coming from

173

00:11:25,150 --> 00:11:22,010

any war and clinging accomplice inspired

174

00:11:30,519 --> 00:11:25,160

by what is done in of climate community

175

00:11:33,910 --> 00:11:30,529

to model our isolate gsm and 3g of

176

00:11:37,139 --> 00:11:33,920

parametrization like mixing the efs mixing

177

00:11:40,269 --> 00:11:37,149

same fiori time in the world to redefine

178

00:11:45,980 --> 00:11:40,279

potential temple watchers to include the

179

00:11:45,990 --> 00:11:50,730

[Music]

180

00:12:02,910 --> 00:11:59,579

for ban must also be tweets show

181

00:12:04,820 --> 00:12:02,920

work the last thing that is very

182

00:12:07,560 --> 00:12:04,830

interesting is actually the

183

00:12:09,480 --> 00:12:07,570

urban switch or there is a the asahi that of the

184

00:12:13,410 --> 00:12:09,490

yukon boots either to be unable to

185

00:12:18,210 --> 00:12:13,420

diabetic is already suffered by

186

00:12:24,360 --> 00:12:18,220

faith and the system sia to families

187

00:12:35,810 --> 00:12:24,370

which lives 8 go back to where the ting

188

00:12:42,120 --> 00:12:40,290

beach and to reduce the energy from you

189

00:12:44,040 --> 00:12:42,130

play are not used to seeing

190

00:12:46,460 --> 00:12:44,050

secrets ballin on view forming little

191

00:12:50,010 --> 00:12:46,470

birds of steel

192

00:12:56,389 --> 00:12:50,020

sheikh tidiane sy kozhukhin more

193

00:13:07,730 --> 00:12:59,430

energies faced transition in

194

00:13:15,170 --> 00:13:10,670

nuclear negotiations

195

00:13:18,030 --> 00:13:15,180

this sum carries to any form

196

00:13:20,460 --> 00:13:18,040

complicate your report film rendered to

197

00:13:21,990 --> 00:13:20,470

rhythms kate and then collection is going

198

00:13:23,400 --> 00:13:22,000

to be hollywood stars

199

00:13:26,639 --> 00:13:23,410

officiating like him with more

200

00:13:29,670 --> 00:13:26,649

transition' back to adiabatic

201
00:13:31,829 --> 00:13:29,680
down with us all this movie you

202
00:13:35,670 --> 00:13:31,839
haven't been like that we choose between

203
00:13:38,790 --> 00:13:35,680
one would be good to one for all of

204
00:13:41,310 --> 00:13:38,800
nuclear accident of chernobyl mini

205
00:13:47,000 --> 00:13:41,320
series the peking about it and san fermo

206
00:13:56,640 --> 00:13:50,790
actor watts find that we've at ophelia

207
00:14:02,940 --> 00:13:56,650
the theme standing 6 extraterrestrial shifts

208
00:14:05,700 --> 00:14:02,950
model the fact diabetics in

209
00:14:07,740 --> 00:14:05,710
adiabatic objective laxity see it's

210
00:14:16,110 --> 00:14:07,750
a wears a black turban and wearing

211
00:14:23,550 --> 00:14:16,120
her crown web written queen we will go

212
00:14:30,170 --> 00:14:23,560
on of 26 too an effort to the one

213
00:14:35,430 --> 00:14:33,420

adiabatic gaming' can be said

214

00:14:40,380 --> 00:14:35,440

player makes that a experience of glory

215

00:14:43,020 --> 00:14:40,390

of the british band uk

216

00:14:45,060 --> 00:14:43,030

taiwan editor just for fun and all think

217

00:14:48,390 --> 00:14:45,070

that your thing that darkling all that

218

00:14:51,630 --> 00:14:48,400

we manipulates the evening we call that

219

00:14:57,940 --> 00:14:51,640

now of possible and zhang jian cooling

220

00:15:12,380 --> 00:15:07,870

just at the finish need is now to be a bee

221

00:15:18,550 --> 00:15:12,390

tricolor costs decrease problem

222

00:15:24,410 --> 00:15:22,280

p.m. if the same problem at the

223

00:15:26,540 --> 00:15:24,420

forclaz jump model of our produced this very

224

00:15:32,390 --> 00:15:26,550

well of gravity object suppose to work

225

00:15:58,260 --> 00:15:32,400

best suppose to be the one i am in the

226

00:15:58,270 --> 00:16:15,710

Applause]

227

00:16:43,440 --> 00:16:39,750

this material is at our feet daniel

228

00:17:31,260 --> 00:16:43,450

straw in the basilica between bodio saul