

TOE

NOT THE  
FINAL WORD.

1  
00:00:04,070 --> 00:00:02,629  
in some sense there is no Theory of

2  
00:00:07,130 --> 00:00:04,080  
Everything

3  
00:00:10,850 --> 00:00:07,140  
right any formal system that is Rich

4  
00:00:15,169 --> 00:00:10,860  
enough to model the axiom's arithmetic

5  
00:00:16,730 --> 00:00:15,179  
is is either inconsistent or incomplete

6  
00:00:18,529 --> 00:00:16,740  
and we call it girdles in completeness

7  
00:00:21,529 --> 00:00:18,539  
theorem because we don't take the

8  
00:00:23,929 --> 00:00:21,539  
inconsistency thing too seriously so

9  
00:00:27,650 --> 00:00:23,939  
that means no matter what

10  
00:00:30,410 --> 00:00:27,660  
scientific theory we have

11  
00:00:32,210 --> 00:00:30,420  
it's not the final word there'll always

12  
00:00:34,310 --> 00:00:32,220  
be if the if the theory is Rich enough

13  
00:00:36,170 --> 00:00:34,320

to do arithmetic and most scientific

14

00:00:37,670 --> 00:00:36,180

theories are they wouldn't be taken

15

00:00:38,990 --> 00:00:37,680

seriously so they're rich enough to do

16

00:00:42,110 --> 00:00:39,000

arithmetic so they're rich enough to

17

00:00:45,110 --> 00:00:42,120

have a girdle statement that that is