



1  
00:00:18,470 --> 00:00:16,950  
i want to make one big bubble

2  
00:00:20,950 --> 00:00:18,480  
if i can

3  
00:00:26,470 --> 00:00:23,189  
so that's like a thick

4  
00:00:29,669 --> 00:00:26,480  
spherical shell of water

5  
00:00:29,679 --> 00:00:33,350  
now

6  
00:00:37,990 --> 00:00:36,709  
let me show you something wild

7  
00:00:39,750 --> 00:00:38,000  
oh look at that

8  
00:00:41,830 --> 00:00:39,760  
a droplet with bubbles inside of a

9  
00:00:44,310 --> 00:00:41,840  
bubble and a water

10  
00:00:46,150 --> 00:00:44,320  
oh wow and and look how that's rotating

11  
00:00:48,069 --> 00:00:46,160  
and and the little bubbles in the

12  
00:00:50,790 --> 00:00:48,079  
droplet are going to the center that's

13  
00:00:52,630 --> 00:00:50,800

where i would go if i was a bubble

14

00:00:55,990 --> 00:00:52,640

wow oh

15

00:00:58,549 --> 00:00:56,000

oh at that oh wow look at that the first

16

00:01:03,510 --> 00:00:58,559

transfer through the interface excluded

17

00:01:03,520 --> 00:01:13,670

uh

18

00:01:13,680 --> 00:01:17,109

let me get it rotating

19

00:01:21,030 --> 00:01:19,270

and i find it's better to get it rotated

20

00:01:23,190 --> 00:01:21,040

by injecting a little bit of water

21

00:01:25,670 --> 00:01:23,200

tangentially

22

00:01:26,870 --> 00:01:25,680

look at that

23

00:01:29,190 --> 00:01:26,880

and now

24

00:01:43,350 --> 00:01:29,200

i can try to inject a bubble in the

25

00:01:45,990 --> 00:01:44,389

but

26

00:01:47,350 --> 00:01:46,000

and it's reflecting it's reflecting all

27

00:01:49,590 --> 00:01:47,360

around the circumference yeah it's

28

00:01:50,469 --> 00:01:49,600

getting attenuated yeah each interface a

29

00:01:52,149 --> 00:01:50,479

little bit

30

00:01:58,950 --> 00:01:52,159

yeah wow

31

00:02:02,550 --> 00:02:00,469

wow