

What Would Epicurus Think of the Big Bang?

Post by “Bryan” of January 15, 2024 at 1:27 AM

(Regarding post [#13](#))

In minute 15 he says that the field operates while being "*never touched*" and "*without ever touching,*" and says "*the field is real... you can affect things far away using the field without ever touching it.*"

How can something be affected without contact?

In minute 20 "*There are no particles in the world, the basic fundamental building blocks of our universe are these fluid-like substances that we call fields*"

What is a "substance that is not made of any particles"?

In minute 22 he tells us to imagine a total empty space, and then shows us an animation of all the "fields" that operate within a total empty space, "*even when the particles are taken out, the field still exists*"

How can total empty space fluctuate? What is moving?

The presenter says (agreeing with Empedocles and the Talmud) that the world is made of 4 elements and in locations where he cannot find any of these four elements (but nevertheless finds movement), he accepts the conclusion that the void itself can move and be affected! We are thus presented with the idea of immaterial force fields! With the smoke of obfuscation provided by equations which he says "*parts of which no one on the planet understands,*" his magic show turns into a comedy act!

I appreciate his honest comments regarding the LHC's failures to lend much support for the standard model "*all of these fantastic, beautiful ideas that we've had, none of them are showing up at all... my impression is that most of my community is a little bit shell-shocked by what happened, there is certainly no consensus in the community to move forward.*" (minute 55)

He may have meant to say "there is no consensus in the community [where] to move forward" but what he did say was closer to the truth. They will keep asserting their beliefs and will keep looking for any evidence that could possibly be interpreted to confirm them.

True atoms are smaller than our machines have been able to see or measure, we can only detect their effects -- this does not mean there is nothing there! Empty space does not move and can not be affected in any way.