

How did the original matter for the Big Bang Theory come to be ?

In the context of physical cosmology and the mathematics behind it, this is not a meaningful question.

Let me (try to) explain.

You learned that every effect has a cause, right? That if there is matter, it has to have “come from somewhere”. Causality is a core principle of logic, right?

Except that it isn't.

Causality is a property of our universe. In this universe (as far as we know) every effect does have a cause. Or, to be a little bit more mathematical about it, if I could have a full description of all the fields that exist in this universe and their derivatives on a so-called spacelike hypersurface (i.e., a moment I declare “now”) I could predict all the future. (Yes, this is even true in the quantum theory; the glitch is that the full description of all fields is not obtainable through classical measurements.)

But here is the problem. I can easily construct mathematical models of universes that are not causal. In which not all effects have causes, or effects precede causes or whatever. (It is not even meaningful to speak of causes and effects in such a universe). It is still perfectly logical, perfectly self-consistent, after all, it is constructed using rigorous mathematics... but there is no causality.

So causality is a property of our universe, but does not exist as an overarching logical principle that is always valid.

The initial moment of our universe in the canonical Big Bang model is some tiny amount of time after the “initial singularity”. This tiny amount is arbitrarily small, but not zero. The initial singularity itself is not part of our universe. And no matter what moment you pick, no matter how close it is to that initial singularity, I can always show you a moment in time that is even closer. So no matter what moment in time you point at and ask, “the matter here, where did it come from?” I can always point at a moment in time that is earlier than that, but still *after* the initial singularity, and say, “That's where.” As to the singularity itself, as I said, it is not part of our universe. Causality does not apply.