Title: CPT symmetric universe

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Abstract: <div>Abstract: From astronomical observations, we know that the state of the early universe</div><div>(just after the Big Bang) was extremely simple. This is surely an important clue about how</div><div>the universe began, but what exactly is it trying to tell us? I will explain our new answer to</div><div>this question: we think it is telling us that the universe before the bang is a kind of mirror</div><div>image of the universe after the bang (they are related by "CPT symmetry"). (Based on</div></div><div>recent work with Kieran Finn and Neil Turok: https://arxiv.org/pdf/1803.08928.pdf)</div>













