

How to create a universe

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Abstract

The purpose of this paper is (i) to expound the specification of a universe, according to those parts of mathematical physics which have been experimentally and observationally verified in our own universe; and (ii) to expound the possible means of creating a universe in the laboratory.

Keywords: universe creation; inflation; magnetic monopole; standard model; cosmology; black-hole

<u>General Issues: Structure of Theories</u> Specific Sciences: Physics: Cosmology

Subjects: Specific Sciences: Mathematics

Specific Sciences: Physics: Relativity Theory Specific Sciences: Physics: Fields and Particles

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Specific Sciences: Physics

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