

What is a 'Physically Reasonable' Spacetime?

Manchak, John (2009) What is a 'Physically Reasonable' Spacetime? . In [2009] Underdetermination in Science (Pittsburgh, 21-22, March 2009).

Full text available as:

PDF - Requires a viewer, such as Adobe Acrobat Reader or other PDF viewer.

Abstract

Cosmologists often use certain global properties to exclude "physically unreasonable" cosmological models from serious consideration. But, on what grounds should these properties be regarded as "physically unreasonable" if we cannot rule out, even with a robust type of inductive reasoning, the possibility of the properties obtaining in our own universe?

Keywords: General Relativity, Cosmology, Underdetermination

Subjects: Specific Sciences: Physics

Conferences and Volumes: [2009] Underdetermination in Science (Pittsburgh, 21-22, March 2009)

ID Code: 4506

Deposited By: Manchak, John Byron

Deposited On: 11 March 2009

Send feedback to: philsci-archive@mail.pitt.edu