

General Relativity and Quantum Cosmology

Conformal formulation of cosmological futures

Philipp A Hoehn, Susan M Scott

(Submitted on 22 Jan 2010)

We summarise the new conformal framework of an Anisotropic Future Endless Universe and an Anisotropic Future Singularity. Both new definitions are motivated by, but not restricted to quiescent cosmology and the Weyl curvature hypothesis, which previously only possessed a framework for a classical initial state of the universe, namely the Isotropic Singularity. Some of the features of the framework are briefly discussed.

Comments: 3 pages, to appear in the proceedings of the 12th Marcel Grossmann Meeting, Paris, July 2009

Subjects: **General Relativity and Quantum Cosmology (gr-qc)**

Cite as: **arXiv:1001.4029v1 [gr-qc]**

Submission history

From: Philipp Hoehn [[view email](#)]

[v1] Fri, 22 Jan 2010 15:45:39 GMT (14kb)

[Which authors of this paper are endorsers?](#)

Download:

- [PostScript](#)
- [PDF](#)
- [Other formats](#)

Current browse context:

gr-qc

[< prev](#) | [next >](#)

[new](#) | [recent](#) | [1001](#)

References & Citations

- [SLAC-SPIRES HEP](#)
([refers to](#) | [cited by](#))
- [CiteBase](#)

Bookmark([what is this?](#))

[CiteULike logo](#)

[Connotea logo](#)

[BibSonomy logo](#)

[Mendeley logo](#)

[Facebook logo](#)

[del.icio.us logo](#)

[Digg logo](#)

[Reddit logo](#)