Sergey Yu. Vernov

Full List of publications

70 publications, including 32 journal papers and 2 chapters in books.

Journal papers:

**Chapters:**


Arxiv:
Sergey Yu. Vernov. In the General Relativity cosmological models the initial period of the Universe evolution with energies above the Planck scale should be described by quantum gravity because the classical evolution includes the initial singularity. Important question of theoretical cosmology is whether the entire Universe evolution can remain classical and has no Semantic Scholar profile for S.Yu. Vernov, with 5 highly influential citations and 24 scientific research papers. S.Yu. Vernov. Physics, Mathematics. 2006 (First Published: 18 December 2006). A dark energy model with a phantom scalar field, an usual scalar field and the string field theory inspired polynomial potential has been constructed. A two-parameter set of exact solutions to the...