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Search or Article-id (Help | Advanced search) arXiv.org > astro-ph > arXiv:1107.4598 - Go! All papers Astrophysics > Cosmology and Extragalactic Astrophysics Download: PDF **Power-law entropy-corrected HDE** PostScript Other formats and NADE in Brans-Dicke Current browse context: cosmology astro-ph.CO < prev | next > new | recent | 1107 A. Sheykhi, K. Karami, Mubasher Jamil, E. Kazemi, M. Haddad Change to browse by: (Submitted on 27 Jun 2011 (v1), last revised 8 Dec 2011 (this version, v3)) astro-ph Considering the power-law corrections to the black hole entropy, which References & Citations appear in dealing with the entanglement of quantum fields inside and outside **INSPIRE HEP** the horizon, the holographic energy density is modified accordingly. In this (refers to | cited by) paper we study the power-law entropy-corrected holographic dark energy in NASA ADS the framework of Brans-Dicke theory. We investigate the cosmological implications of this model in detail. We also perform the study for the new Bookmark(what is this?) agegraphic dark energy model and calculate some relevant cosmological 📃 🐵 🗶 💀 🖬 🔚 🚽 🔛 🧐 parameters and their evolution. {As a result we find that this model can provide the present cosmic acceleration and even the equation of state parameter of this model can cross the phantom line \$w\_D=-1\$ provided the model parameters are chosen suitably}.

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