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Gaussian regular black holes in pure quadratic gravity

B Malekolkalami

Physics Department-University of Kurdistan, Sanandaj, Iran

E-mail: b.malakolkalami@uok.ac.ir

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Abstract

In this work, we study some introductory properties of the regular Gaussian black holes in pure quadratic gravity. The results show the relative advantages of this model with respect to the similar case in Einstein gravity.

Keywords: black hole, asymptotically flat spacetime, asymptotically de-sitter spacetime, Gaussian distribution

For full article, refer to the Persian section