

ZMATH 2005e.02479

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Blackholes and singularities. (Buchi neri e singolarità nude.)

Boll. Unione Mat. Ital., Sez. A, Mat. Soc. Cult. (8) 8, No. 1, 37-50 (2005).

Einstein's theory of General Relativity predicts the existence of spacetime singularities, but it is still unclear which is the nature of such singularities. In particular, it is unclear whether the singularities are always "hidden" to far-away observers (i.e. blackholes) or not. We discuss the state-of-the-art in the knowledge on this topic, which is of key importance for a full understanding of relativistic gravitational collapse. (orig.)

Classification: M50

Keywords: relativity theory; general relativity; blackholes; relativistic gravitational collapse