Logunov, A. A.; Mestvirishvili, M. A.

Summary: We prove that Hilbert's causality principle and the equations of general relativity exclude the possibility that a black hole can form.

MSC:
83C05 Einstein's equations (general structure, canonical formalism, Cauchy problems)
83C57 Black holes

Keywords:
gravitational collapse; black hole; Hilbert's causality principle; integral of motion

Full Text: DOI