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C^3 matching for asymptotically flat spacetimes. (English) Zbl 1477.83007

Classical Quantum Gravity 36, No. 13, Article ID 135003, 24 p. (2019).

MSC:

- 83C05 Einstein's equations (general structure, canonical formalism, Cauchy problems)
- 83C30 Asymptotic procedures (radiation, news functions, \mathcal{H} -spaces, etc.) in general relativity and gravitational theory
- 53A10 Minimal surfaces in differential geometry, surfaces with prescribed mean curvature
- 83C55 Macroscopic interaction of the gravitational field with matter (hydrodynamics, etc.)
- 76E20 Stability and instability of geophysical and astrophysical flows

Keywords:

asymptotically flat spacetimes; matching conditions; curvature eigenvalues

Full Text: [DOI](#) [arXiv](#)

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