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High-order fully general-relativistic hydrodynamics: new approaches and tests. (English)

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MSC:

83C35 Gravitational waves

83C55 Macroscopic interaction of the gravitational field with matter (hydrodynamics, etc.)

76Y05 Quantum hydrodynamics and relativistic hydrodynamics

83C15 Exact solutions to problems in general relativity and gravitational theory

83-08 Computational methods for problems pertaining to relativity and gravitational theory

Cited in **3** Documents

Keywords:

numerical relativity; gravitational wave sources; hydrodynamics; relativity and gravitation

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