

astrophysical hydrodynamics an introduction pdf

Magnetohydrodynamics (MHD; also magneto-fluid dynamics or hydro-magnetics) is the study of the magnetic properties and behaviour of electrically conducting fluids. Examples of such magneto-fluids include plasmas, liquid metals, salt water, and electrolytes. The word "magneto-hydro-dynamics" is derived from magneto-meaning magnetic field, hydro-meaning water, and dynamics meaning movement.

Magnetohydrodynamics - Wikipedia

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Core List of Astronomy and Physics Books

We investigate how to simulate anisotropic heat conduction in a stable manner in Smoothed Particle Hydrodynamics. We show that the requirement for stability is that entropy must increase.

Physics authors/titles "new" - arXiv

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General relativity - Wikipedia

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