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Modified Navier-Stokes equation for conceptual tests of pure field physics

Monday 28 August 2017 15:00 (30 minutes)

Energy tensor of the continuous nonempty space in the pure field physics of Einstein and Infeld is described by the analog of the Einstein equation for nondual matter. The modified Einstein equation results in the vector geodesic consequences for material 4-flows of scalar Ricci densities. Nonrelativistic 3-flows of these mass-energies modify the Navier-Stocks equation by the 1738 Bernoulli potential.

Based on arXiv 1705.04155

Topic:

Topic: Cosmology, Astrophysics, Gravity, Mathematical Physics

Summary

Double unification of charges / masses with their fields was presented on ICNFP2015. Now the testable modifications of the Einstein equation and the Navier-Stokes equations stand behind the concept of a continuous mass.

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