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Estakhr's Proper-Time Averaged of Material-Geodesic Equations (an umberella term equation for Relativistic Astrophysics, Relativistic Jets, Gamma-Ray Burst, Big Bang Hydrodynamics, Supernova Hydrodynamics) AHMAD REZA ESTAKHR¹, Physics Research

 $-\frac{D\overline{J}^{\mu}}{D\tau} = \overline{J}^{\nu}\partial_{\nu}\overline{U}^{\mu} + \partial_{\nu}\overline{T}^{\mu\nu} + \Gamma^{\mu}_{\alpha\beta}\overline{J}^{\alpha}\overline{U}^{\beta} + \overline{\partial_{\nu}R^{\mu\nu} + \Gamma^{\mu}_{\alpha\beta}R^{\alpha\beta}}$ EAMG equations are proper time-averaged equations of relativistic motion for fluid flow and used to describe Relativistic Turbulent Flows.

¹The EAMG equations are used to describe Relativistic Jet

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