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Transport coefficients of relativistic fluids from third order causal theory

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Third order non-equilibrium fluid dynamics as an extension of Muller-Israel-Stewart theory for dissipative relativistic fluids have been derived using Grad's 14-moments techniques. We have tried to calculate transport coefficients for shear, bulk pressures and heat flow as well as pressure anisotropy for relativistic dissipative fluids.

Apply to be
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 award (Yes / No)? $_{\rm No}$

Level for award
 (Hons, MSc,
 PhD, N/A)?

N/A

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