

## **Hydrodynamic attractor solutions and thermal particles from expanding QGP**

We study the analytical attractor solutions of higher-order causal viscous hydrodynamics by considering thermal particle production from heavy-ion collisions, within the longitudinal boost-invariant expansion. Using these analytical solutions, the allowed initial states are constrained by demanding positivity and reality of energy density throughout the evolution. Further, we calculate the thermal particle spectra within the framework of hydrodynamic attractors. It has been observed that the evolution corresponding to attractor solution leads to maximum production of thermal particles.

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