



EINLADUNG

im Rahmen des Literaturseminars

zum Vortrag

von

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über

„Soft excitations on horizons in any dimensions“

Abstract:

We derive generic properties of non-extremal horizons, assumed to be in equilibrium with a thermal bath, in any spacetime dimension greater than two. The physical properties of the thermal bath are modelled by the way we impose boundary conditions, and we shall describe various different well-motivated choices leading to infinite-dimensional near horizon symmetries, including BMS-like symmetries for arbitrary spin and Heisenberg-like symmetries. We prove that they generically span soft hair excitations in the sense of Hawking, Perry and Strominger.

Zeit: Donnerstag, 23.05.2019, 14.00

Ort: Arbeitsgruppe Gravitation, Währinger Straße 17,
Seminarraum A, 2. Stock

gez.: P. T. Chruściel, D. Fajman