THE QUANTUM SPACETIME SEMINAR SERIES

Department of Theoretical Physics

Black Holes in an environment in large D as forced membranes

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Date: August 13, 2019

Time: 11.30 am

Venue: A-304, TIFR

We analytically construct black hole solutions which asymptote to solutions of Einstein Equations with arbitrary matter stress tensor of strength $\mathcal{O}(D^0)$ in terms of a dual co-dimension one `forced' membrane propagating in the asymptotic spacetime.

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