

Towards cosmic censorship in Gowdy space-times

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Abstract

I will discuss the structure of non-degenerate Cauchy horizons in Gowdy space-times. I will further discuss some recent results concerning the dynamical behavior of Gowdy space-times near the expected singular boundary. This talk is based on joint work with M.Chae (gr-qc/0305029) and K.Lake (gr-qc/0307088).