

Infrared behavior in tame two-field hyperbolizable cosmological models 45'

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Abstract: I discuss the behavior of cosmological curves in their first order infrared approximation near critical ends of the scalar manifold and near interior critical points of the scalar potential for tame hyperbolizable two-field cosmological models and compare the asymptotics or the corresponding gradient flow of the classical effective potential with numerical results for cosmological curves. I also briefly discuss a system of coordinates in which such asymptotics can be studied systematically in higher orders.