SEMINÁRIO DE EQUAÇÕES DIFERENCIAIS

An application the different shapes in the localization of the distributed damping for the wave equation on compact manifolds

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Resumo

This paper is devoted to showing the different shapes in the localization in the damping for the wave equation defined in smooth connected compact Riemann manifolds with boundary. The gradient structure for the semigroup associated to this problem is proved. To this end, we need to use a version of the unique extension theorem proposed by Triggiani and Yao.

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