



Mês de: Fevereiro 2010

SEMINÁRIO DE ANÁLISE E EQUAÇÕES DIFERENCIAIS

Dia 25 de Fevereiro (quinta-feira), às 15h30, na Sala B3-01

“Orbital Stability of Travelling Waves for Some Classical Equations”

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Abstract:

This talk is concerned with nonlinear stability properties of periodic travelling wave solutions for some classical equations. Periodic travelling wave solutions will be constructed by using the Jacobi elliptic functions. It will be shown that these solutions are nonlinearly stable in the respective energy space by periodic disturbances with period L .

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