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Approximate symmetry analysis of nonlinear Rayleigh-wave equation. (English)

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MSC:

74J15 Surface waves in solid mechanics

86A15 Seismology (including tsunami modeling), earthquakes

58J70 Invariance and symmetry properties for PDEs on manifolds

76M60 Symmetry analysis, Lie group and Lie algebra methods applied to problems in fluid mechanics

70S10 Symmetries and conservation laws in mechanics of particles and systems

Cited in 2 Documents

Keywords:

Rayleigh-wave equation; analytical solutions; approximate symmetry; approximate invariant solutions; approximately self-adjointness; approximate conservation laws

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