

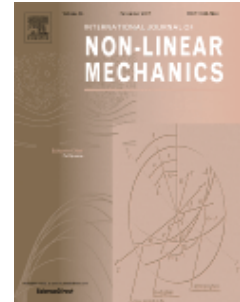


INTERNATIONAL JOURNAL OF NON-LINEAR MECHANICS

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DESCRIPTION

The *International Journal of Non-Linear Mechanics* provides a specific medium for dissemination of research results in the various areas of theoretical and applied **mechanics** of **solids**, **structures** and **fluids**, where the phenomena are inherently **non-linear**. The journal brings together original results in non-linear problems in elasticity, plasticity, dynamics and vibrations, rheology, hydrodynamics, gas dynamics, magnetohydrodynamics, astrodynamics, control and stability, structures, as well as in other diverse areas. Papers may be analytical/computational or experimental. Mathematical treatments of **non-linear differential equations** wherein solutions and properties of solutions are emphasized are also appropriate. Both deterministic and stochastic approaches are fostered. Contributions pertaining to applied fields are encouraged.

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