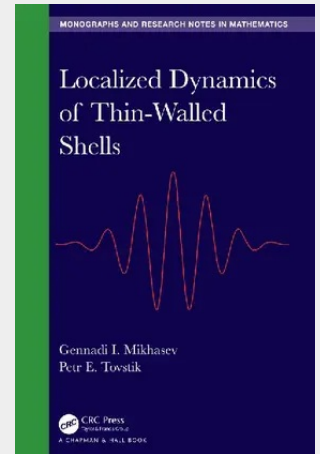


Localized Dynamics of Thin-Walled Shells

Localized Dynamics of Thin-Walled Shells focuses on localized vibrations and waves in thin-walled structures with variable geometrical and physical characteristics. It emphasizes novel asymptotic methods for solving boundary-value problems for dynamic equations in the shell theory, in the form of functions which are highly localized near both fixed and moving lines/points on the shell surface. Features - First-of-its-kind work, synthesizing knowledge of the localization of vibrations and waves in thin-walled shells with a mathematical tool to study them - Suitable for researchers working on the dynamics of thin shells and also as supplementary reading for undergraduates studying asymptotic methods - Offers detailed analysis of wave processes in shells with varying geometric and physical parameters

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