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Soggetti	Partial differential equations -- Hyperbolic equations and systems [See also 58J45] -- Nonlinear second-order hyperbolic equations Optics, electromagnetic theory {For quantum optics, see 81V80} -- General -- Geometric optics Mechanics of deformable solids -- Elastic materials -- Nonlinear elasticity Geometrical optics - Mathematics Nonlinear difference equations Elasticity Electronic books.
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Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Derivation of the weakly nonlinear amplitude equation -- Existence of exact solutions -- Approximate solutions -- Error analysis and proof of Theorem 3.8 -- Some extensions.