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| 1. Record Nr.           | UNIORUON00264829   |
| Autore                  | HEATH, Malcolm   |
| Titolo                  | Menander : a rhetor in context / Malcolm Heath   |
| Pubbl/distr/stampa      | New York, : Oxford University Press, 2004  |
| ISBN                    | 01-992592-0-8  |
| Descrizione fisica      | xvii, 374 ; 22 cm  |
| Disciplina              | 885  |
| Soggetti                | ORATORIA ANTICA<br>RETORICA GRECA - Saggi<br>MENANDRO <di Laodicea><br>LAODICEA AD LYCUM (Citta' estinta) - Vita intellettuale |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |

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| 2. Record Nr.           | UNINA9910337871503321  |
| Autore                  | Leble Sergey   |
| Titolo                  | Waveguide Propagation of Nonlinear Waves : Impact of Inhomogeneity and Accompanying Effects // by Sergey Leble   |
| Pubbl/distr/stampa      | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2019  |
| ISBN                    | 3-030-22652-2  |
| Edizione                | [1st ed. 2019.]  |
| Descrizione fisica      | 1 online resource (298 pages)  |
| Collana                 | Springer Series on Atomic, Optical, and Plasma Physics, , 1615-5653 ; ; 109  |
| Disciplina              | 531.1133<br>530.15   |
| Soggetti                | Physics<br>Plasma (Ionized gases)<br>Microwaves<br>Optical engineering<br>Lasers<br>Photonics<br>Sound<br>Astrophysics<br>Mathematical Methods in Physics<br>Plasma Physics<br>Microwaves, RF and Optical Engineering<br>Optics, Lasers, Photonics, Optical Devices<br>Acoustics<br>Astrophysics and Astroparticles  |
| Lingua di pubblicazione | Inglese  |
| Formato                 | Materiale a stampa   |
| Livello bibliografico   | Monografia   |
| Nota di contenuto       | Introduction -- Evolution Operator and Projectors to Its Eigenspaces -- Electromagnetic waveguides -- Waveguide Mode Interactions. Coupled Nonlinear Schrodinger Equations -- Solitonics -- Waveguide Propagation in Hydrodynamics -- Guide Propagation and Interaction of Plasma Waves. Metamaterials -- Nanowaveguides. Bloch Waves -- Microwaveguides. Magnetic Moment Transport -- Kinetics of Charges |

in Waveguides. Charge Transport.

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## Sommario/riassunto

This book addresses the peculiarities of nonlinear wave propagation in waveguides and explains how the stratification depends on the waveguide and confinement. An example of this is an optical fibre that does not allow light to pass through a density jump. The book also discusses propagation in the nonlinear regime, which is characterized by a specific waveform and amplitude, to demonstrate so-called solitonic behaviour. In this case, a wave may be strongly localized, and propagates with a weak change in shape. In the waveguide case there are additional contributions of dispersion originating from boundary or asymptotic conditions. Offering concrete guidance on solving application problems, this essentially (more than twice) expanded second edition includes various aspects of guided propagation of nonlinear waves as well as new topics like solitonic behaviour of one-mode and multi-mode excitation and propagation and plasma waveguides, propagation peculiarities of electromagnetic waves in metamaterials, new types of dispersion, dissipation, electromagnetic waveguides, planetary waves and plasma waves interaction. The key feature of the solitonic behaviour is based on Coupled KdV and Coupled NS systems. The systems are derived in this book and solved numerically with the proof of stability and convergence. The domain wall dynamics of ferromagnetic microwaveguides and Bloch waves in nano-waveguides are also included with some problems of magnetic momentum and charge transport.

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