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		1.3.6 Monostable Spaser as a Nanoamplifier in Transient Regime1.4 Compensation of Loss by Gain and Spasing; 1.4.1 Introduction to Loss Compensation by Gain; 1.4.2 Permittivity of Nanoplasmonic Metamaterial; 1.4.3 Plasmonic Eigenmodes and Effective Resonant Permittivity of Metamaterials; 1.4.4 Conditions of Loss Compensation by Gain and Spasing; 1.4.5 Discussion of Spasing and Loss Compensation by Gain; 1.4.6 Discussion of Published Research on Spasing and Loss Compensations; Acknowledgments; References; 2 Nonlinear Effects in Plasmonic Systems; 2.1 Introduction
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| Sommario/riassunto | This book, edited by two of the most respected researchers in plasmonics, gives an overview of the current state in plasmonics and plasmonic-based metamaterials, with an emphasis on active functionalities and an eye to future developments. This book is multifunctional, useful for newcomers and scientists interested in applications of plasmonics and metamaterials as well as for established researchers in this multidisciplinary area. |