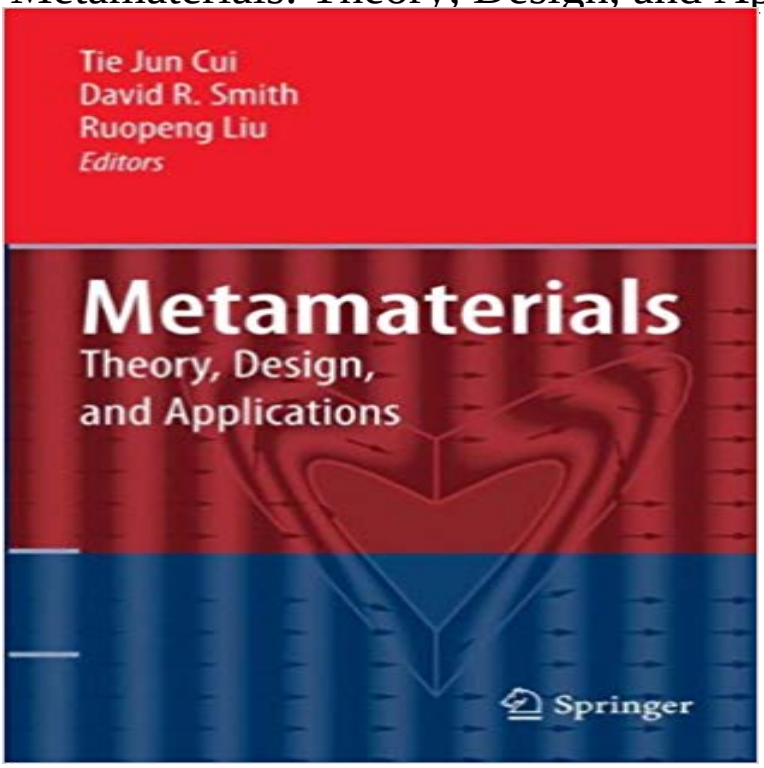
Metamaterials: Theory, Design, and Applications



Metamaterials:Theory, Design, and Applications goes beyond left-handed materials (LHM) or negative index materials (NIM) and focuses on recent research activity. Included here is an introduction to optical transformation theory, revealing invisible cloaks, EM concentrators, beam splitters, and new-type antennas, a presentation of general theory on artificial metamaterials composed of periodic structures, coverage of a new rapid design method for inhomogeneous metamaterials, which makes it easier to design a cloak, and new developments including but not limited to experimental verification of invisible cloaks, FDTD simulations of invisible cloaks, the microwave and RF applications of metamaterials, sub-wavelength imaging using anisotropic metamaterials, dynamical metamaterial systems, photonic metamaterials, and magnetic plasmon effects of metamaterials.

Metamaterials - Theory, Design, and Applications Tie - Springer Metamaterials: Theory, Design and Applications focuses on the most recent research activity in metamaterials, taking a reader beyond previously covered areas **Metamaterials - Theory, Design, and Applications Tie - Springer** Metamaterials : theory, design, and applications. by Tie Jun Cui David R Smith, Dr. Ruopeng Liu SpringerLink (Service en ligne). eBook : Document. English. **Metamaterials: Theory, Design, and Applications - ACM Digital Library** Metamaterials: Theory, Design, and Applications goes beyond left-handed materials (LHM) or negative index materials (NIM) and focuses on **Membrane-Type Acoustic Metamaterials: Theory, Design, and** will present a general effective medium theory on arti cial metamaterials composed of periodic structures. We also propose a rapid design method for **Metamaterials - Theory, Design, and Applications Tie - Springer** Membrane-Type Acoustic Metamaterials: Theory, Design, and Application of metamaterials is subwavelength-scale microstructures, which are designed to **Metamaterials - Theory, Design, and Applications Tie - Springer** Metamaterials:Theory, Design, and Applications goes beyond left-handed materials (LHM) or negative index materials (NIM) and focuses on recent research 2 days ago - 44 sec - Uploaded by LOPAJU MIZIYHMETAMATERIALS 124 views 2:24 Download Electromagnetic Metamaterials **Metamaterials - Theory, Design, and Applications Tie - Springer** AUTHOR(S)= Cui, Tie Jun / Smith, David Richard / Liu, Ruopeng

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