

## an introduction to metamaterials and waves in composites

Thu, 29 Nov 2018 13:18:00 GMT an introduction to metamaterials and pdf - Negative-index metamaterial or negative-index material (NIM) is a metamaterial whose refractive index for an electromagnetic wave has a negative value over some frequency range.. NIMs are constructed of periodic basic parts called unit cells, which are usually significantly smaller than the wavelength of the externally applied electromagnetic radiation. The unit cells of the first ... Tue, 04 Dec 2018 16:11:00 GMT Negative-index metamaterial - Wikipedia - Metamaterials research and development are the core of the Kuang-Chi Research Institute of Advanced Technology (referred to as Kuang-Chi). Kuang-Chi is intended to establish the connection between fundamental research and industrial implementation. Fri, 07 Dec 2018 12:54:00 GMT Metamaterials: Reshape and Rethink - ScienceDirect - Metamaterials are artificial electromagnetic media structured on a scale much shorter than their operating wavelength. Under this condition they can be considered as homogeneous media whose electromagnetic properties rely mainly on the basic cell rather than periodic effects as it is the case for photonic crystal or more generally electromagnetic band gap

material. Tue, 04 Dec 2018 20:07:00 GMT Mie resonance-based dielectric metamaterials - ScienceDirect - A superlens, or super lens, is a lens which uses metamaterials to go beyond the diffraction limit. The diffraction limit is a feature of conventional lenses and microscopes that limits the fineness of their resolution. Many lens designs have been proposed that go beyond the diffraction limit in some way, but constraints and obstacles face each of them. Thu, 06 Dec 2018 00:45:00 GMT Superlens - Wikipedia - INVITED TALKS THIS SPRING. CEO Nathan Cohen will be giving invited presentations on fractal antennas and fractal metamaterials at conferences at Cornell University and Brandeis University. Fri, 07 Dec 2018 21:01:00 GMT Fractal Antenna: What's New - 8 International Symposium on Optronics in Defence & Security 6-8 February 2018 TH NOTIFICATION OF ACCEPTANCE OR REFUSAL PARTNERS The Conference Programme Committee will notify all the authors of its decision on September 28th, 2017. Mon, 03 Dec 2018 10:43:00 GMT International Symposium 2018 - Units are at the heart of science and technology. Most measurements require units to express their result. The International System of Units (SI) provides a widely

used coherent framework of units. Thu, 06 Dec 2018 20:26:00 GMT Physics World Discovery - Books - IOPscience - Time and time again, "multidisciplinary" research is touted as essential to innovation. That is why, from April 2-6, 2018, researchers working in seemingly unrelated fields gathered in Phoenix, Arizona, to promote, share and discuss issues and developments across disciplines.. The 2018 MRS Spring Meeting & Exhibit is the key forum to present research to an interdisciplinary and international ... Sat, 08 Dec 2018 06:19:00 GMT 2018 MRS Spring Meeting & Exhibit | Phoenix - Type or paste a DOI name into the text box. Click Go. Your browser will take you to a Web page (URL) associated with that DOI name. Send questions or comments to doi ... Sun, 25 Nov 2018 02:38:00 GMT Resolve a DOI Name - MRS, the Materials Research Society, offers materials science journals, materials science meetings, and materials science outreach to an international, interdisciplinary science community. Materials Research Society (MRS) | Materials science ... - WaveMotion51(2014)1045-1054 Contents lists available at ScienceDirect WaveMotion journal homepage: www.elsevier.com/locate/wavemoti ... On the limit and applicability of dynamic homogenization

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