SCIENTIFIC PUBLICATIONS, SERGEI TRETYAKOV

Books


Book chapters


**Papers in refereed journals**


164. P.A. Belov, Yan Zhao, Simon Tse, P. Ikonen, M.G. Silveirinha, C.R. Simovski, S. Tretyakov, Yang Hao, and C. Parini, Transmission of images with subwavelength resolution to distances of several wavelengths in the microwave range, *Physical Review B*, vol. 77, p. 193108,


150. S.A. Tretyakov and S.I. Maslovski, Veselago materials: What is possible and impossible about the dispersion of the constitutive parameters, *IEEE Antennas and Propagation Magazine,*


136. I.S. Nefedov, X. Dardenne, C. Craeye, S.A. Tretyakov, Backward waves in a waveguide, filled with wire media, *Microwave and Optical Technology Letters*, vol. 48, no. 12, pp. 2560-
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79. S.A. Tretyakov, T.G. Kharina, A.A. Sochava, Electrodynamics of bianisotropic composites, *Proceedings of St. Petersburg State Technical University, no 2(24), Special Issue: The Department of Radiophysics is going to celebrate its 50th anniversary*, pp. 80-84, 2001 (in Russian).


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255. S. Tretyakov, Y. Ra'di, and V. Asadchy, Magneto-dielectric metasurfaces, Proc. of the 8th European Conference on Antennas and Propagation (EuCAP 2014), pp. 443-444, the Hague, the Netherlands, 6-11 April 2014 (convened session presentation).


227. S. Tretyakov, Cloaking and invisibility from microwaves to optics, Proc. of *3rd Mediterranean Conference on Nanophotonics, MediNano-3*, p. 6, Belgrade, Serbia, 18-19 October 2010 (keynote talk).


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181. P.A. Belov, M.G. Silveirinha, P. Ikonen, Y. Zhao, C.R. Simovski, S. Tretyakov, Y. Hao, C. Parini, Transmission of images with subwavelength resolution to distances of several wavelengths in microwave, terahertz, and infrared ranges, Days on Diffraction’2008: Metamaterials, p. 71, St. Petersburg, Russia, June 3-6, 2008.


179. S. Tretyakov, Review of possible approaches to electromagnetic cloaking of objects, NATO Advanced Research Workshop META’08, p. 27, Marrakech, Morocco, May 7-10, 2008 (invited keynote lecture)

III, p. 16, SPIE Photonics Europe, Strasbourg, France, April 7-9, 2008 (invited).


59. I.V. Lindell, S.A. Tretyakov, BW media – media supporting the backward wave, *Int. Conf. on Electromagnetics in Advanced Applications (ICEAA01)*, Torino, Italy, pp. 731-734, September


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