

Nonlinear Photonic Crystals

Nonlinear Photonic Crystals | Richart E. Slusher -

Nonlinear optical studies of periodic dielectric structures have blossomed in the past two decades. New fabrication techniques are producing fiber grating

Periodic, quasi-periodic, and random quadratic -

How to Cite. Arie, A. and Voloch, N. (2010), Periodic, quasi-periodic, and random quadratic nonlinear photonic crystals. Laser & Photon. Rev., 4: 355-373. doi: 10

Highly Nonlinear Photonic Crystal Fibers - Newport -

Please refer to the Fiber Optic Basics Tutorial for more detailed information on the properties of photonic crystal fiber. Newport's broad photonic crystal fiber

Nonlinear Photonic Crystals -

Nonlinear Photonic Crystals Sergei Mingaleev and Yuri Kivshar Photonic crystals, an analog of semiconductors for light waves, are composite periodic dielectric

Nonlinear Crystals | Photonics Buyers' Guide -

Nonlinear Crystals A nonlinear crystal is an optical crystal that possesses a strong nonlinear dielectric response function to optical radiation.

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Abstract. Coupled-mode equations are derived from Maxwell equations for modeling of low-contrast cubic-lattice photonic crystals in three spatial dimensions.

Nonlinear Photonic Crystals book by Richart E -

Nonlinear Photonic Crystals by Richart E. Slusher (Editor), Benjamin J. Eggleton (Editor) starting at \$195.29. Nonlinear Photonic Crystals has 1 available editions to

Nonlinear photonic crystals for passive switches -

Nonlinear photonic crystals have been extensively studied theoretically, 5,6,7 but less has been done experimentally 4,5,6,7,8 in part due to fabrication issues.

Optical chaos in nonlinear photonic crystals -

arXiv:physics/0202048v1 [physics.optics] 18 Feb 2002 Optical chaos in nonlinear photonic crystals Kirill N. Alekseev^{1,2,3}, Aleksey V. Ponomarev^{3,4}

Nonlinear Photonic Crystals - Australian National -

Nonlinear Photonic Crystals Sergei Mingaleev and Yuri Kivshar Photonic crystals, an analog of semiconductors for light waves, are composite periodic dielectric

Nonlinear photonic crystal fibres: pushing the -

The strong waveguide dispersion in photonic crystal fibres (PCFs) provides unique opportunities for nonlinear optics with a zero-dispersion wavelength λ_0 far below

Photonic crystal - Wikipedia, the free -

A photonic crystal is a periodic optical nanostructure that affects the motion of photons in much the same way that ionic lattices affect electrons in solids.

Multiple shape light sources generated in LiNbO₃ -

Nonlinear photonic crystal (NPC) is a kind of processed ferroelectric crystal, in which partial domains are reversed by applying high voltage electric field.

Periodic and quasi-periodic nonlinear photonic -

Proc. SPIE 6604, 14th International School on Quantum Electronics: Laser Physics and Applications, 66041A (March 05, 2007); doi:10.1117/12.726975

OSA | Radially symmetric nonlinear photonic -

Different types of quadratic, radially symmetric, nonlinear photonic crystals are presented. The modulation of the nonlinear coefficient may be a periodic or an

Nonlinear Photonic Crystal Fibers - Thorlabs, -

These highly nonlinear photonic crystal fibers guide light in a small solid silica core surrounded by large air holes.

Computing for second harmonic generation in -

A numerical study of second harmonic generation (SHG) in one-dimensional nonlinear photonic crystals based on full nonlinear system of equations, implemented by

Nonlinear photonic crystal fibers - NKT Photonics -

Optimized for supercontinuum generation and nonlinear wavelength conversion, our nonlinear photonic crystal fibers offers a unique combination of tailored dispersion

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CiteSeerX - Scientific documents that cite the following paper: Nonlinear photonic crystals, Phys

Optical lattices as nonlinear photonic crystals | -

Optical lattices as nonlinear photonic crystals Dragomir N. Neshev, a Andrey A. Sukhorukov, a Arnan Mitchell, b Christian R. Rosberg, a Robert Fischer, a

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