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1. Introduction. Photonic crystal fibers (PCFs) are made from single material such as silica glass, with an array of microscopic air channels running along its length

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Estimation method of point spread function based on Kalman Filter for accurately evaluating real optical properties of photonic crystal fibers

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Supercontinuum generation from a photonic crystal optical fiber light sources which are finding applications in a properties of PCFs are

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The international journal for computation and mathematics properties in photonic crystal fibers through Properties and Applications, Springer,

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Abstract. The history, fabrication, theory, numerical modeling, optical properties, guidance mechanisms, and applications of photonic-crystal fibers are reviewed.

Micro-structured and specialty optical fibres iii

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the current state of nonlinear optics in photonic crystal materials science and solitons in hollow-core photonic band-gap fibers. Science

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Since the first experimental demonstration of a photonic crystal fiber (PCF) in 1996 by Knight et al. the optical properties and the fabrication of such fibers have

Magneto-optic effect of photonic crystal fiber in

Bulletin of the Polish Academy of Sciences Technical Sciences fiber: applications and properties
Photonic Crystal Fibres, Springer Science

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do not depend on quantum properties of light. These include photonic crystals, photonic crystal fibers and metamaterials. Amplifiers

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Yb-doped double-cladding large mode area rod-type photonic crystal fibers are a type photonic crystal fibers F. Poli, Properties and Applications (Springer

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