

Modeling of light propagation through smectic waveguides

Miha Čančula¹ Miha Ravnik¹

¹Faculty of Mathematics and Physics, University of Ljubljana

Motivation

Liquid crystal waveguides are useful for Bla bla bla Slikca od Musevica s smekticnim vlaknom

Eigenmodes

We showed that a Gaussian beam entering a fibre quickly turns into a Laguerre-Gaussian beam, and then into something else.

Methods

We used FDTD, prilozi slikce (Yee lattice vs moj)