



Optica Applicata 2006(Vol.36), No.1, pp. 51-56

## The modelling of high-contrast photonic crystal slabs using the novel extension of the effective index method

Maciej Dems, Włodzimierz Nakwaski

SEARCH

[Advanced search](#)

### Keywords

photonic crystal slabs, effective index method

### Abstract

This paper presents a new approach to determination of the band structure in two-dimensional (2D) photonic crystal slabs using the enhanced effective index approximation. The proposed method remains valid in the wide frequency range even for high-index contrast heterostructures.



255.1 kB

[Back to list](#)

© Copyright 2007 T.Przerwa-Tetmajer All Rights Reserved 2007