



Optica Applicata 2009(Vol.39), No.1, pp. 169-174

ZnO/MgO distributed Bragg reflectors

Bingzhi Huo, Lizhong Hu, Heqiu Zhang, Ziwen Zhao, Qiang Fu, Xi Chen

SEARCH

[Advanced search](#)

Keywords

zinc compounds, semiconducting II-VI materials

Abstract

ZnO/MgO distributed Bragg reflectors (DBRs) are grown by pulsed laser deposition. DBR samples grown at the same temperature and the same pressure show obvious reflections in transmission spectra. If there is a standing wave in the ZnO layers, it is evident that the full width at half maximum of the ZnO peak in photoluminescence spectra could be decreased when the sample reflects more photons whose wavelength is about 380 nm.



124.6 kB

[Back to list](#)

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

stat4u

[About Optica Applicata](#)

[Current issue](#)

[Browse archives](#)

[Search](#)

[Editorial Board](#)

[Instructions for Authors](#)

[Ordering](#)

[Contact us](#)