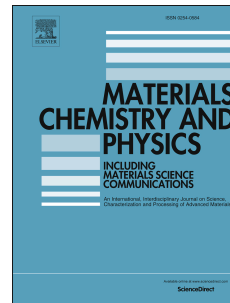


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Structural and optical properties of zinc magnesium oxide nanoparticles synthesized by chemical co-precipitation

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Captions for Figures:

Fig. 1 X-ray diffraction spectra of Zn(1-x) Mg_xO nanoparticles

Fig. 2 SEM photographs of ZnMgO nanoparticles (a) ZM₄ sample and (b) ZM₁₂ sample

Fig.3 Absorbance spectra of ZnMgO nanoparticles

Fig. 4 Tauc plots of ZnMgO particles

Fig. 5 FTIR spectra of ZnMgO nanoparticles

Fig. 6 Schematic of defects in ZnMgO nanocomposite

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