

Firszt Franciszek

Articole în reviste din RM - 1. Publicații peste hotare - 4.
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2012 - 2

Characterization of Zn_{0.95-x}BexMn_{0.05}Se mixed crystals by photoluminescence and contactless electroreflectance

Dumchenko Dumitru¹, Huang Chen-Tai¹, Huang Ying-Sheng¹, Firszt Franciszek², Łęgowski Stanisław³, Meczynska Hanna³, Zakrzewski Jacek³, Tiong Kwong-Kaw⁴

¹ National Taiwan University of Science and Technology, Taipei,

² Nicolaus Copernicus University,

³ Institute of Physics, N. Copernicus University,

⁴ National Taiwan Ocean University, Keelung

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Modulation spectroscopy and photoluminescence characterization of quaternary Zn_{1-x-y}CdxMgySe compounds

Dumchenko Dumitru¹, Levchenko Sergiu¹, Huang Ying-Sheng¹, Firszt Franciszek², Hsu Hung-Pin³, Tiong Kwong-Kaw¹

¹ National Taiwan University of Science and Technology, Taipei,

² Nicolaus Copernicus University,

³ Ming Chi University of Technology

Materials Science and Condensed Matter Physics

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2011 - 1

Temperature dependence of energies and broadening parameters of near band edge interband excitonic transitions in wurtzite ZnCdMgSe

Dumchenko Dumitru^{1,2}, Huang Ying-Sheng¹, Hsu Hung-Pin³, Tiong Kwong-Kaw⁴, Firszt Franciszek⁵, Strzałkowski Karol⁵, Łęgowski Stanisław⁵, McZyńska H.⁵

¹ National Taiwan University of Science and Technology, Taipei,

² Institute of Applied Physics, Academy of Sciences of Moldova,

³ Ming Chi University of Technology,

⁴ National Taiwan Ocean University, Keelung,

⁵ Nicolaus Copernicus University

Journal of Applied Physics

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Photoluminescence, modulation spectroscopy and surface photovoltage characterization of quaternary $Zn_{1-x-y}Cd_xMg_ySe$ compounds

Dumchenko Dumitru¹, Levcenko Sergiu¹, Huang Ying-Sheng¹, Firszt Franciszek², Hsu Hung-Pin³, Tiong Kwong-Kaw¹

¹ National Taiwan University of Science and Technology, Taipei,

² Nicolaus Copernicus University,

³ Ming Chi University of Technology

Moldavian Journal of the Physical Sciences

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Optical characterization of $Zn_{0.35}Cd_{0.44}Mg_{0.21}Se$ crystalline alloy by polarization-dependent contactless electroreflectance measurements

Dumchenko Dumitru^{1,2}, Levcenko Sergiu¹, Huang Ying-Sheng¹, Hsu Hung-Pin³, Firszt Franciszek⁴, Tiong Kwong-Kaw⁵

¹ National Taiwan University of Science and Technology, Taipei,

² Institute of Applied Physics, Academy of Sciences of Moldova,

³ Ming Chi University of Technology,

⁴ Institute of Physics, N. Copernicus University,

⁵ National Taiwan Ocean University, Keelung

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Raman scattering characterization of $Zn_{1-x-y}Mg_yBe_xSe$ mixed crystals

Dumchenko Dumitru^{1,2}, Wu Jiunde¹, Huang Ying-Sheng¹, Hsu Hung-Pin³, Firszt Franciszek⁴, Tiong Kwong-Kaw⁵

¹ National Taiwan University of Science and Technology, Taipei,

² Institute of Applied Physics, Academy of Sciences of Moldova,

³ Ming Chi University of Technology,

⁴ Nicolaus Copernicus University,

⁵ National Taiwan Ocean University, Keelung

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