



## Linear and nonlinear optical Zn(II)-metal-organic materials. Correlation between molecular structure, crystal structure and chemical-physical properties

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GRIN Verlag Dez 2015, 2015. Taschenbuch. Book Condition: Neu. 213x154x37 mm. Neuware - Research Paper from the year 2015 in the subject Chemistry - Other, grade: Subventionierte Projekt, University of Dortmund (Institut für Umweltforschung , Lehrstuhl für Analytische Chemie), language: English, comment: This book deals with chemistry and chemical-physical effects of Zn(II)-containing metal-organics with emergence as an interdisciplinary area of coordination chemistry, blending of electro optical and nonlinear optical materials research, optical fiber communication and optical computing technologies, data storage techniques, image processing, dynamic holography, printers, producing of harmonic generators, optical switching and limiting devices, fluorescence materials and more., abstract: This book deals with chemistry and chemical-physical effects of Zn(II)-containing metal-organics with emergence as an interdisciplinary area of coordination chemistry, blending of optical and nonlinear optical materials research; optical fiber communication and optical computing technologies; data storage techniques; image processing; dynamic holography; printers; producing of harmonic generators; optical switching and limiting devices; fluorescence materials and more. In this context, the book collects new trends, and presents for first time more recent work in the field of applied oriented design of molecular scaffolds. synthesis. optical and nonlinear optical

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