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Note generali	"9th Geoscience Conference for Young Scientists, Ekaterinburg, Russia, February 5-8, 2018"--Title page.
Nota di contenuto	The effect of anion substitution on the structure, phase transformations and properties of Co <sub>7</sub> X <sub>8</sub> type compounds -- The features of chemical composition and cation ordering in ferricronadite Pb[Mn <sup>4+</sup> (Fe <sup>3+</sup> , Mn <sup>3+</sup> ) <sub>2</sub> ]O <sub>16</sub> according to X-ray, XANES and Mössbauer spectroscopy data -- Zonal olivines of the Early Bronze Age metallurgical slags in the Southern Urals according to LA-ICP-MS mapping data -- Highly-coercive state in iron-containing (Fe, M) <sub>1-z</sub> X chalcogenides with NiAs type structure -- The influence of the Seymchan meteorite structure on the synthesis of carbon nanotubes. .
Sommario/riassunto	The book comprises the proceedings of the 9th Geoscience Conference for Young Scientists co-organized by the Institute of Geology and Geochemistry and the Institute of Mineralogy (Urals Branch of Russian Academy of Sciences) and Ural Federal University and held in Ekaterinburg, Russia, on February 5-8, 2018. The book is devoted to the relevant issues of crystal chemistry and mineral typomorphism; the structure and physico-chemical and technological properties of

minerals; the computational modeling of mineral structure and properties. Much attention is drawn to the latest advances and applications of physical methods of investigation of mineral structure and composition, in particular, X-Ray diffraction, spectroscopic (optical, vibrational, ESR, Moessbauer, etc.) and microscopic (SEM, TEM, AFM, etc.) studies, as well as the methods of chemical and isotopic analysis. This book presents the current research trends of space and planetary mineralogy (meteorites, regolites, tektites). The book is intended explicitly for the specialists in the earth and planetary sciences. .

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