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Nota di contenuto	Defects and Diffusion in Ceramics XIII; Table of Contents; Bulk Diffusion of Homovalent Atomic Probes of Vanadium and Niobium in Single Crystals of Tungsten; Effect of Plastic Deformation on Electrical and Mechanical Properties of some 5xxx Al Wrought Alloys; Plastic Deformation Effect on the Properties of 5754 Non Heat-Treatable Monitored via PAS, Hv and Resistivity; Solid-Phase Mechanical Alloying of BCC Iron Alloys by Nitrogen in Ball Mills; Tronoh Silica Sand Nanoparticle Production and Applications Design for Composites; Utilization of Granite Powder Waste in Concrete Production Calculation of Parameter of Ashcroft's Potential Using Vacancy Formation Energy for some BCC Metals: Li, Na, K, Rb, Cs, BaAbstracts; Keywords Index; Authors Index
Sommario/riassunto	The increasingly pressing requirements of environmental and natural resource protection, while achieving sustainable development, bring more opportunities to the fields of civil engineering, architecture, hydraulic engineering and infrastructure development. This book highlights the latest developments in, and applications of, advanced and sustainable materials, innovations in civil and hydraulic engineering, innovations in architecture and building construction, and innovations in bridge and underground engineering. Review from Book News Inc.: All but 70 pages are devoted to abstracts of 408

