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Altri autori (Persone)	UpadhyayaG. S
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Nota di bibliografia	Includes bibliographical references and indexes.
Nota di contenuto	Sintering Fundamentals; Preface; Table of Contents; Quantitative Analysis of Microstructure and Modeling of Sintering; Computer Simulation of Liquid Phase Sintering: Gravity Induced Skeletal Structure Evolution - A Review; Deconsolidation of Polycrystalline Skeletons in Sintered Composite Materials; Samsonov's Model for Electronic Mechanism of Sintering and its Relevance; Solid State Sintering of SiC-Ceramics; Liquid Phase Sintering of SiC-Ceramics; Doped LaGaO <sub>3</sub> Based Solid Oxide Fuel Cell Materials and their Sintering Aspects: An Overview; Keywords Index; Authors Index
Sommario/riassunto	This book comprises state-of-the-art reviews written by acknowledged experts who are active in sintering science. It includes seven invited reviews by authors hailing from five countries: J-M.Chaix (France) discusses quantitative aspects of the microstructures and modeling of sintering; with the technical aspects of image-analysis - including that of nanostructured materials - adding extra value. Z.S. Nikolic (Serbia) provides a theoretical review of the simulation of liquid-phase sintering, particularly under microgravity conditions, and extensively and critically reviews the results reported