

1.	Record Nr.	UNINA9910698232003321
	Titolo	Cessation : stripping refugees of their status in Canada
	Pubbl/distr/stampa	[Montreal, Quebec] : , : Canadian Council for Refugees, , 2014 Ottawa, Ontario : , : Canadian Electronic Library, , 2014
	Descrizione fisica	1 electronic text (11 pages)
	Disciplina	342.73/083
	Soggetti	Refugees - Canada Refugees - Legal status, laws, etc - Canada
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	"May 2014."
	Nota di bibliografia	Includes bibliographical references.
2.	Record Nr.	UNINA9911049221103321
	Autore	Wakai Fumihiko
	Titolo	Fundamentals of Sintering / / by Fumihiko Wakai
	Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
	ISBN	981-9519-32-2
	Edizione	[1st ed. 2025.]
	Descrizione fisica	1 online resource (348 pages)
	Collana	Chemistry and Materials Science Series
	Disciplina	620.14
	Soggetti	Ceramic materials Surfaces (Technology) Thin films Solid state chemistry Mathematical physics Computer simulation Materials - Analysis Ceramics Surfaces, Interfaces and Thin Film Solid-State Chemistry Computational Physics and Simulations Materials Characterization Technique

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	1. Introduction -- 2. Multiscale, Hierarchical Structures in Sintering -- 3. Shape Evolution of Particle/Pore Networks -- 4. Crystalline Interfaces -- 5. Atom Diffusion Driven by Surface Tension and Stress -- 6. Surface Motion by Diffusion -- 7. Sintering Mechanics in Particle Scale -- 8. Coarsening and Grain Growth -- 9. Continuum Mechanics of Sintering -- 10. Bridging Macroscopic and Microscopic Sintering Mechanics -- 11. Pressure-Assisted Sintering -- 12. Viscous Sintering -- 13. Simulation of Sintering Process -- Appendix -- Index.
Sommario/riassunto	This book provides cutting-edge knowledge on the theory and modelling of solid-state sintering. It includes new knowledge on 3D microstructural evolution obtained by computer simulations and nano/micro-tomography, as there has been significant progress in the basic sintering theory in the last 20 years. This book presents the fundamental principles related to sintering phenomena, with a focus on understanding the thermodynamic driving forces. Readers can gain insights by examining how atomic-level interactions lead to micro-scale structural changes, which in turn influence densification and deformation processes at the macro-scale. This book is a completely new and easy-to-understand textbook for graduate students, researchers, and engineers in ceramic technology and powder metallurgy. It aims to help them understand fundamental theories essential for developing new materials and improving processing methods efficiently.