

1. Record Nr.	UNINA9910454900503321
Titolo	Principles of mineral processing [[electronic resource] /] / edited by Maurice C. Fuerstenau and Kenneth N. Han
Pubbl/distr/stampa	Littleton, Colo., : Society for Mining, Metallurgy, and Exploration, c2003
ISBN	1-61344-038-3 0-87335-291-2
Descrizione fisica	1 online resource (584 p.)
Altri autori (Persone)	FuerstenauMaurice C HanKenneth N
Disciplina	622/.7
Soggetti	Ore-dressing Hydrometallurgy Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Cover; Title page; Copyright page; Contents; Authors; Preface; CHAPTER 1: Introduction; CHAPTER 2: Particle Characterization; CHAPTER 3: Size Reduction and Liberation; CHAPTER 4: Size Separation; CHAPTER 5: Movement of Solids in Liquids; CHAPTER 6: Gravity Concentration; CHAPTER 7: Magnetic and Electrostatic Separation; CHAPTER 8: Flotation; CHAPTER 9: Liquid-Solid Separation; CHAPTER 10: Metallurgical Balances and Efficiency; CHAPTER 11: Bulk Solids Handling; CHAPTER 12: Hydrometallurgy and Solution Kinetics; CHAPTER 13: Mineral Processing Wastes and Their Remediation CHAPTER 14: Economics of the Minerals IndustryIndex
Sommario/riassunto	This comprehensive reference examines all aspects of mineral processing, from the handling of raw materials to separation strategies to the remediation of waste products. The book incorporates state-of-the-art developments in the fields of engineering, chemistry, computer science, and environmental science and explains how these disciplines contribute to the ultimate goal of producing minerals and metals economically from ores. The book is an indispensable textbook for students of mineral processing and hydrometallurgy, and a practical reference for seasoned industry professionals interested i

