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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	pt. 1. Conventional (classical) principles and practice of solvent extraction -- pt. 2. Novel competitive complexation/solvation theory (CCST) of solvent extraction : principles and practice -- pt. 3. Modern and future trends in fundamentals and applications of solvent extraction.
Sommario/riassunto	The main challenge in modern solvent extraction separation is that most techniques are mainly empirical, specific and particular for narrow fields of practice and require a large degree of experimentation. This concise and modern book provides a complete overview of both solvent extraction separation techniques and the novel and unified competitive complexation/solvation theory. This novel and unified technique presented in the book provides a key for a preliminary quantitative prediction of suitable extraction systems without experimentation, thus saving researchers time and resources.