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Titolo	Acid-Base Diagrams // by Heike Kahlert, Fritz Scholz
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ISBN	3-642-37902-8
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (144 p.)
Disciplina	546.24
Soggetti	Analytical chemistry Biochemistry Environmental chemistry Inorganic chemistry Physical chemistry Geochemistry Analytical Chemistry Biochemistry, general Environmental Chemistry Inorganic Chemistry Physical Chemistry
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	The math behind the pH-logci diagrams -- Constructing pH-logci diagrams -- The application of pH-logci diagrams for graphical estimation of the pH of solutions and for the derivation of simplified equations -- The use of pH-logci diagrams for the construction of titration diagrams -- Titration errors.
Sommario/riassunto	Understanding acid-base equilibria made easy for students in chemistry, biochemistry, biology, environmental and earth sciences. Solving chemical problems, be it in education or in real life, often requires the understanding of the acid-base equilibria behind them. Based on many years of teaching experience, Heike Kahlert and Fritz Scholz present a powerful tool to meet such challenges. They provide a simple guide to the fundamentals and applications of acid-base

diagrams, avoiding complex mathematics. This textbook is richly illustrated and has full color throughout. It offers learning features such as boxed results and a collection of formulae.
