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Nota di contenuto	An overview of powder diffraction / Lachlan M. D. Cranswick -- Introduction to diffraction / Abraham Clearfield -- Practical aspects / Joseph H. Reibenspies and Nattamai Bhuvanesh -- Profile analysis / Arnt Kern -- Introduction to non-laboratory radiation sources / Peter J. Chupas and Karena W. Chapman -- Phase identification and quantitative methods / Pamela Whitfield and Lyndon Mitchell -- Structure solution / Armel Le Bail -- Structure refinement / James A. Kaduk -- Other topics / E. Andrew Payzant.