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	Nota di contenuto	Chapter 1. Basic analysis principles -- Chapter 2. Sedimentation of discrete non-interacting particles -- Chapter 3. Properties of sedimentation coefficient distributions -- Chapter 4. Distributions of non-diffusing particles -- Chapter 5. Distributions of diffusing particles -- Chapter 6. Sedimentation coefficient distributions from boundary derivatives and extrapolations -- Chapter 7. Multi-component distributions -- Chapter 8. Practical analysis of non-interacting systems.
	Sommario/riassunto	The analysis of sedimentation velocity analytical ultracentrifugation has fundamentally changed in the last two decades, with the ability to solve the master equation of the sedimentation/diffusion process and the application of modern mathematical data analysis strategies substantially increasing hydrodynamic resolution of sedimenting particles. This book provides a systematic introduction to the theory of sedimentation velocity, and a comprehensive overview of experimental design strategies and data analysis. Areas of major focus are polydisperse macromolecules and nanoparticles, and the sedimentation