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Sommario/riassunto	This book provides a comprehensive exploration of modeling and simulation techniques in plasma physics, particularly for physicists. The author, Geoffrey J. Pert, delves into various computational methods

including continuum, particle, and stochastic approaches. The work extensively covers the foundations of computational fluid mechanics, numerical fluid dynamics, particle-in-cell simulations, Monte Carlo schemes, and numerical diffusion methods. Aimed at professionals and researchers in plasma physics, the book serves as both a reference and a guide for developing accurate and complex simulation models. The text is enriched with theoretical models, practical applications, and detailed mathematical formulations to aid in understanding and implementing simulation techniques in plasma research.
