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Sommario/riassunto	This book delves into the intricate world of soft matter physics, specifically focusing on two contemporary complex systems: ferronematics and living liquid crystals. These systems amalgamate passive and active inclusion in the nematic liquid crystals. From a pedagogical description to advanced dynamics, this book provides a solid foundation for understanding these complex systems. Practical insights through simulations and analytical expressions bridge the gap between theory and real-world applications, making the knowledge

gained highly relevant. This book caters to students, researchers, and scholars in the field of soft matter physics. A strong foundation in statistical physics and mathematical physics is recommended, especially in areas related to liquid crystal physics, statistical mechanics and complex systems. The book provides a plethora of theoretical knowledge, simulations, and analytical expressions, serving as an indispensable resource for those eager to delve into the intriguing domains of soft matter physics.
