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Sommario/riassunto	A self-contained textbook, Microhydrodynamics and Complex Fluids deals with the main phenomena that occur in slow, inertialess viscous flows often encountered in various industrial, biophysical, and natural processes. It examines a wide range of situations, from flows in thin films, porous media, and narrow channels to flows around suspended particles. Each situation is illustrated with examples that can be solved analytically so that the main physical phenomena are clear. It also discusses a range of numerical modeling techniques.