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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Frontmatter -- Preface -- Contents -- 1. General introduction -- 2. General classification of surfactants -- 3. Aggregation of surfactants, self-assembly structures, liquid crystalline phases -- 4. Surfactant adsorption at interfaces -- 5. Surfactants as emulsifiers -- 6. Surfactants as dispersants and stabilization of suspensions -- 7. Surfactants for foam stabilization -- 8. Surfactants in nanoemulsions -- 9. Surfactants in microemulsions -- 10. Surfactants as wetting agents -- 11. Industrial applications of surfactants -- Index
Sommario/riassunto	Surfactants are surface active agents, molecules that have a significant role in emulsions, suspensions, and foams. They find widespread application in personal care, cosmetics, pharmaceuticals, agrochemicals and the food industry. The main objective of this graduate level textbook is to present an overview of the classification, physical properties, phase behavior, their effects and applications of surfactants, e.g. as emulsifiers, foam stabilizer, in nano- and microemulsions and as wetting agents.