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Sommario/riassunto	HauptbeschreibungThe development of small and smallest particle is one of today's key features in modern science. The goal is to form materials with improved properties than their ""classical"" ancestors with just a fractional amount of raw material. However, the characterization of these particles is as important as their way of preparation. Different techniques with their origins in physics, inorganic, organic and physical chemistry have to be combined to reveal the secrets of this important field of science. This book gives a short overview of theoretical basics and synth