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Sommario/riassunto	Exposes a Powerful Material-Making ToolDedicated to the physical, chemical, and structural transformations that take place during combustion synthesis (CS) of advanced materials, Combustion for Material Synthesis analyzes the nature of solid flame phenomenon and provides readers with undisputed proof that 'fire' is a powerful tool used in making materials. Of interest to specialists in the field of materials engineering, this book explores the physical and chemical principles of synthesis of materials in the self-sustained combustion mode. It describes mechanisms for a variety of solid-solid a