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Sommario/riassunto	This book explores recent developments and advances in femtosecond beam science, making these more accessible through contributions from leaders in the field. Each contribution aims to make the particular area of femtosecond beam science accessible through explaining the particular field, reviewing recent advances worldwide, and featuring important results and possible future uses of femtosecond pulses in the field. Femtosecond beam science is expected to lead to the development of technology realizing dynamic microscopy, that is, the visualization of atomic motions, chemical reactions, protei