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Nota di contenuto	Introduction -- Magnetic Field Aided Laser Process -- Electromagnetic Field Aided Laser Process -- Supersonic Laser Deposition to Prepare Single Material Coating -- Supersonic Laser Deposition to Prepare Composite Coating -- Summary.
Sommario/riassunto	Two typical hybrid laser surface modification processes, i.e. electro/magnetic field aided laser process and supersonic laser deposition technology, are introduced in the book, to solve the common problems in quality control and low efficiency of the laser-only surface modification technology, high contamination and high consumption of the traditional surface modification technology. This book focuses on the principle, characteristics, special equipment, process and industrial applications of the hybrid laser surface modification processes based on the recent research results of the author's group, and provides theoretical guidance and engineering reference for the researchers and engineers engaging in the field of surface engineering and manufacturing.