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Sommario/riassunto	Laser welding is a rapidly developing and versatile technology which has found increasing applications in industry and manufacturing. It allows the precision welding of small and hard-to-reach areas, and is particularly suitable for operation under computer or robotic control. The Handbook of laser welding technologies reviews the latest developments in the field and how they can be used across a variety of applications.Part one provides an introduction to the fundamentals of laser welding before moving on to explore developments in established technologies including CO2 laser welding,