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Autore	McLean, Ian S.
Titolo	Infrared astronomy with arrays : the next generation / edited by Ian S. McLean
Pubbl/distr/stampa	Boston - Dordrecht : Kluwer Academic Publishers, c1994
ISBN	0792327780
Descrizione fisica	xix, 572 p. : ill. (some col.) ; 25 cm
Collana	Astrophysics and space science library / edited by R.L.F. Boyd...[et al.] ; 190
Classificazione	52.9.5 52.9.5(08) 52.9.55 52.9.573 522.68 QB470.A1
Soggetti	Astronomical spectroscopy - Congresses Imaging systems in astronomy - Congresses Infrared array detectors - Congresses
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
Note generali	Includes bibliographical references and index.

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Autore	Kunar Sandip
Titolo	Advanced Welding Technologies
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ISBN	9781394331901 1394331908 9781394331925 1394331924 9781394331918 1394331916
Edizione	[1st ed.]
Descrizione fisica	1 online resource (609 pages)
Collana	Advances in Production Engineering Series
Altri autori (Persone)	MandalGurudas
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	Advanced Welding Technologies serves as a vital resource that transforms the perception of welding from a mere skill-based practice to a cutting-edge industrial method, offering comprehensive insights into its fundamental processes, research advancements, and diverse applications across technological and biomedical domains. Welding has traditionally been considered more of a skill-based proficiency than a technological industrial method. The reliance on highly trained human operators, along with the high cost and low reproducibility of many welding processes, has contributed to this perception. Extensive research has now been conducted on the fundamentals of welding processes, and while it remains a complex, multidisciplinary subject, the basic concepts are well understood. Advanced Welding Technologies is a comprehensive collection of the processes and applications of advanced welding technologies, giving a basic understanding of each process, research advancements, and their applications in various technological and biomedical domains for

improving machining accuracy and quality. This volume will extend the possibilities of research in various areas of advanced welding technologies with basic and hybrid approaches, making it an easy reference for students and researchers working in this critical field. Readers will find the book: Covers technologies for successful improvement in advanced processes and the application of advanced welding technologies; Serves as a valuable reference to students and researchers involved in working with advanced welding technologies; Discusses successful fabrication of multipurpose advanced welding technologies, sustainability of advanced welding technologies, materials and processes, applications of machine learning in advanced welding technologies, and future scopes and challenges of advanced welding technologies. Audience Engineers, welders, researchers, academics, and students involved in advanced welding technologies, manufacturing, and materials science.