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Autore	Singh Ramesh
Titolo	Applied welding engineering : processes, codes, and standards / / by Ramesh Singh
Pubbl/distr/stampa	Amsterdam ; ; Waltham, : Elsevier/Butterworth-Heinemann, 2011
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Edizione	[1st ed.]
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Soggetti	Welding Metallurgy Nondestructive testing Welding - Standards
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Front Cover; Applied Welding Engineering: Processes, Codes and Standards; Copyright Page; Acknowledgment; 1. Introduction to Basic Metallurgy; 1. Introduction; Pure Metals and Alloys; Smelting; Iron; Sponge Iron; 2. Alloys; Alloys; Effects of Alloying Elements; Carbon Steels; Sulfur; Manganese; Phosphorus; Silicon; Alloy Steels; The Effect of Alloying Elements on Ferrite; Effects of Alloying Elements on Carbide; 3. Physical Metallurgy; Crystal Lattices; Crystal Structure Nomenclature; Solidification; Lever Rule of Solidification; Constitutional Supercooling; Elementary Theory of Nucleation AllotropyCrystal Imperfections; Grain Size; 4. Structure of Materials; Phase Diagrams; Different Types of Phase Diagrams; Iron-Iron Carbide Phase Diagram; Explanation of the Iron-Carbon Phase Diagram; Rationale for Letter Designations in the Iron-Iron Carbide Phase Diagram; 5. Production of Steel; The Electric Arc Furnace (EAF) Process; Furnace Charging; Melting; Refining; Phosphorus Removal; Sulfur Removal; Nitrogen and Hydrogen Control; De-Slagging; Tapping; Basic

Oxygen Furnace (BOF); Refining Reactions; Carbon; Silicon; Manganese; Phosphorus; Sulfur Removal; Deoxidation of Steel
 Rimmed SteelCapped Steel; Semi-Killed Steel; Killed Steel; Deoxidation Equilibria; The Iron-Iron Carbide Phase Diagram; 6. Classification of Steels; Carbon Steels; Low-Carbon; Medium-Carbon; High-Carbon; Ultrahigh-Carbon; High-Strength Low-Alloy (HSLA) Steels; Classification of HSLA; Low-Alloy Steels; Low-Carbon Quenched and Tempered Steels; Medium-Carbon Ultrahigh-Strength Steels; Bearing Steels; Chromium-Molybdenum Heat-Resistant Steels; AISI Series; Some Examples AISI Classifications; 7. Cast Iron; Types of Cast Iron; White Cast Iron; Malleable Cast Iron; Ferritic Malleable Iron
 White Heart Cast IronBlack Heart Cast Iron; Pearlite Malleable Cast Iron; Martensitic Malleable Iron; Gray Cast Iron; Castability of Gray Cast Iron; Chilled Cast Iron; Nodular (Spheroidal Graphite) Cast Iron; Castability, Solidification and Shrinkage; Alloy Cast Irons; 8. Stainless Steels; Stainless Steel Production; Forming; Heat Treatment; Cutting Stainless Steel; Finishing; Fabrication of Stainless Steel; Welding and Joining; Types of Stainless Steels; Classification of Stainless Steel; Martensitic Stainless Steels; Ferritic Stainless Steels; Pitting Resistance Equivalent (PRE)
 Austenitic Stainless SteelsDuplex Stainless Steels; Precipitation-Hardening (PH) Stainless Steels; 9. Non-Ferrous Materials; Copper and Copper Alloys; Aluminum and Aluminum Alloys; Physical Metallurgy of Aluminum; Effect of Alloying Elements on Aluminum; Effect of Iron; Effect of Silicon; Effect of Manganese; Effect of Magnesium; Effect of Copper; Effect of Zinc; Effect of Chromium; Effect of Zirconium; Effect of Lithium; Age Hardenable Alloys; Nickel and Nickel Alloys; Titanium and Titanium Alloys; 10. Working With Metals; Elastic Limit; Plastic Deformation; Fracture
 Polycrystalline Materials

Sommario/riassunto

While there are several books on market that are designed to serve a company's daily shop-floor needs. Their focus is mainly on the physically making specific types of welds on specific types of materials with specific welding processes. There is nearly zero focus on the design, maintenance and troubleshooting of the welding systems and equipment. Applied Welding Engineering: Processes, Codes and Standards is designed to provide a practical in-depth instruction for the selection of the materials incorporated in the joint, joint inspection, and the quality control for the final product. Weld

2.	Record Nr.	UNINA9911017678003321
	Autore	Del Balzo, Carlo
	Titolo	Cronaca del tremuoto di Casamicciola / Carlo Del Balzo
	Pubbl/distr/stampa	Napoli, : tip. Carluccio, : De Blasio e C., 1883
	Descrizione fisica	IX, 240 p. ; 19 cm
	Locazione	FAGBC
	Collocazione	A MUSA 810
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
3.	Record Nr.	UNINA9911015651403321
	Autore	Elbanna Said
	Titolo	The FIFA World Cup Qatar 2022 : Unveiling Insights Beyond the Pitch // edited by Said Elbanna, Tamer Elsharnouby, Abdullah Aljafari, Tahniyath Fatima
	Pubbl/distr/stampa	Singapore : , : Springer Nature Singapore : , : Imprint : Springer, , 2025
	ISBN	981-9784-14-X
	Edizione	[1st ed. 2025.]
	Descrizione fisica	1 online resource (414 pages)
	Collana	Gulf Studies, , 2662-4508 ; ; 18
	Altri autori (Persone)	ElsharnoubyTamer AljafariAbdullah FatimaTahniyath
	Disciplina	796.33466809563
	Soggetti	Sports - Sociological aspects Sports - Economic aspects Sustainability Sports - Philosophy Communication in sports Sport Sociology Sports Economics Middle Eastern Politics Sports Ethics Sports Communication Middle East Politics and government

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	<p>Exploring the FIFA World Cup Qatar 2022 -- The Audacity to Dream: A Journey of Making the World Proud of The Middle East Begins with a Single Bid -- The Distribution of FIFA Official Licensed Merchandise during Qatar 2022 FIFA World Cup: The Case of the Sports Corner -- Beyond the Game: A Case Study on Branding a Higher Education Institution through a Mega Sport Event -- The Role of the Supreme Committee for Delivery and Legacy in the Success of the 2022 World Cup -- Managing a River of People: The Case of Crowd Management at FIFA World Cup Qatar 2022 -- Connected Stadiums: Realizing Qatar's Vision of Creating a Legacy Program -- The Effects of Mega Events on Government Spending Multipliers: Evidence from the Qatar 2022 FIFA World Cup -- An Economic Analysis of Qatar's Decision to Host the FIFA World Cup 2022 -- Qatar Museums: The Case of Promoting Tourism and Qatari Identity, Culture, and Heritage During FIFA World Cup 2022 -- Qatar's Journey from World Cup Host to a Premier Tourist Destination -- FIFA World Cup 2022 and Qatar's Nation Branding -- From Desert Sands to Global Stands: The World Cup's Influence on Embracing 'Made in Qatar' Products -- The Community Service as a University Requirement during the FIFA World Cup Qatar 2022 -- FIFA Qatar 2022 Volunteer Program: Enhancing Engagement and Fostering Global Unity -- FIFA World Cup Qatar 2022: Exploring Volunteer Recruitment in Mega Events -- Building Community Support for Mega Events: The Case of FIFA World Cup Qatar 2022 -- Qatar 2022: FIFA's Adjustments for the First (Men's) World Cup in an Arab and Muslim Nation -- Interactions Between Civilizations Through Championships -- Qatari Press's Response to the French Media Campaign Against the 2022 World Cup: A Case Study of The Peninsula Newspaper -- Utilizing Mega Events to Communicate Culture and Correct Misconceptions about Country and Religion: A Lesson from Qatar -- Unveiling the Social Sustainability of Sport Tourism: Qatar's Journey as Host of the 2022 FIFA World Cup -- FIFA Qatar 2022: Can Blockchain-based Sustainability Assessment Tool Help Sack Greenwashing Accusations -- Beyond the Pitch: Logistics and Sustainability at the FIFA World Cup -- Unlocking the Sustainable Legacy: A Case Study of FIFA World Cup Qatar 2022 -- Leveraging Legacy: Qatar's Path Forward Post-FIFA World Cup.</p>
Sommario/riassunto	<p>This open access book presents a collection of case studies to analyse the FIFA World Cup 2022 held in Qatar, which revealed several complex aspects related to global football – its organization, its community, its related power dynamics, and its socio-economic implications. Behind this mega event lay unspoken narratives about the difficulties of hosting this global tournament in Qatar. This book takes the reader on a journey along the numerous strands connected to this multifaceted event. The case studies excavate both the best practices and the challenges that public policymakers and institutions in Qatar encountered in organizing the World Cup, including the pressures from various stakeholders involved, including FIFA, the sponsors, the football fans, and the local residents of Qatar. One such case sheds light on the debate surrounding the linkage between government-spending and the subsequent economic impact of hosting such a mega sporting event. The collection also delves into nuanced discussions</p>

about volunteering behaviour. Several case studies approach the central questions of sustainability and related implications following the Qatar event. As the first football World Cup to take place in a Middle Eastern country, the case studies also spotlight the role of cultural differences and associated implications, such as nation branding. Relevant to sociologists, economists, business and marketing researchers, and sports studies researchers, this book is a unique compilation bringing together multiple interdisciplinary, critical perspectives on Qatar's FIFA experience – from within the region, and beyond. This is an open access book.
