

1. Record Nr.	UNINA9910273660303321
Autore	Atkins, Peter
Titolo	Physical chemistry for the life sciences / Peter Atkins, Julio de Paula
Pubbl/distr/stampa	Oxford : Oxford University Press, 2011
ISBN	9780199564286
Edizione	[2nd ed.]
Descrizione fisica	XXVI, 590 p. : ill. ; 26 cm
Altri autori (Persone)	De Paula, Julio
Disciplina	541.3
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Lingua di pubblicazione	Inglese
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2. Record Nr.	UNINA9910136865003321
Autore	Ray Siddhartha
Titolo	Principles and applications of metal rolling // Siddhartha Ray [[electronic resource]]
Pubbl/distr/stampa	Delhi : , : Cambridge University Press, , 2015
ISBN	1-316-84333-5 1-316-84339-4 1-5231-0577-1 1-316-84345-9 1-316-84354-8 1-316-84348-3 1-139-87929-4
Descrizione fisica	1 online resource (xxiv, 298 pages) : digital, PDF file(s)
Disciplina	671.3/2
Soggetti	Rolling (Metal-work)
Lingua di pubblicazione	Inglese
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Note generali	Title from publisher's bibliographic system (viewed on 06 Jun 2016).
Nota di bibliografia	Includes bibliographical references and index.
Sommario/riassunto	Rolling is an important metal forming process which involves the passing of metal stock through a pair of rollers. It is categorized depending on the recrystallization temperature of the metal rolled. This book covers the entire gamut of rolling technology in one volume. It begins with a brief history of rolling, and goes on to discuss different rolling processes, the deformation of materials, and the classification of rolling mills and stands. The book discusses rolling applications of steel blooms, slabs, bars, plates, rods, heavy sections and non-ferrous metals in detail. It covers important rolling process parameters, including rolling friction, stress and strain across rolled strip thickness, rolling torque and power and roll separation force. It also provides details on the design and applications of various rolling equipment, including mill rolls, neck bearings, spindles, coilers and decoilers.