

1. Record Nr.	UNINA9911007172703321
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Titolo	Structural Metals and Building Materials
Pubbl/distr/stampa	Zurich : , : Trans Tech Publications, Limited, , 2024 ©2024
ISBN	3-0357-3856-4
Edizione	[1st ed.]
Descrizione fisica	1 online resource (135 pages)
Altri autori (Persone)	AgarwalRamesh K ThillikkaniShanmugam
Disciplina	624.1821
Soggetti	Building materials Sustainable construction
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Intro -- Structural Metals and Building Materials -- Preface -- Table of Contents -- Chapter 1: Properties and Processing Technologies of Structural Metals -- Chip Formation and Shaping in Milling Machining of Light Metal Casting Materials -- Development of a Parametric Model for Calculating Cutting Forces in External Cylindrical Turning of 16MNCr5 Steel -- Modelling of Turning Process for Prediction of Energy Consumption -- Models of Cutting Forces in the Matrix Theory of Multitool Machining Accuracy -- Characteristics of Quality Formation in Processing of 32CrMoV12-10 Steel by Honing -- Study of the Dependence of the Friction Force and Coefficient of the Abrasive in the Metal Contact Zone on Various Factors -- Increasing the Efficiency of Forming Complex Rotating Surfaces with the Controlling of Technological Connections -- Improvement of Production Processes of Seamless Steel Pipes for Oil and Gas Production -- Study of the Possibility of Production of Continuously Cast Billets from Shipbuilding Steels -- Analyzing the Effect of Temperature on Alloy Steel Forging Simulation Using Finite Element Simulation -- An Investigation about Microstructures, Mechanical Properties and Corrosion Behaviour of the TIG - MIG Hybrid Welded Dissimilar UNS 2205 and is 2062 Steels -- An Analysis of the Amount of Energy Used during the Milling of Aluminum 6061 with Higher Performance -- Chapter 2: Building Materials --

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Sludge -- Effect of Recycled Waste PET Bottle Fibers on Mechanical
Properties of Geopolymer Mixtures Containing Crushed Waste Glass
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