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Titolo	Wire Ropes : Tension, Endurance, Reliability // by Klaus Feyrer
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Descrizione fisica	1 online resource (343 p.)
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Soggetti	Machinery Metals Civil engineering Machinery and Machine Elements Metallic Materials Civil Engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	"With 178 Figures and 51 Tables."
Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Wire Ropes, Elements and Definitions -- Wire Ropes under Tensile Load -- Wire Ropes Under Bending and Tensile Stresses.
Sommario/riassunto	The main goal of this book is to present the methods used to calculate the most important parameters for ropes, and to explain how they are applied on the basis of numerous sample calculations. The book, based on the most important chapters of the German book DRAHTSEILE, has been updated to reflect the latest developments, with the new edition especially focusing on computational methods for wire ropes. Many new calculations and examples have also been added to facilitate the dimensioning and calculation of mechanical characteristics of wire ropes. This book offers a valuable resource for all those working with wire ropes, including construction engineers, operators and supervisors of machines and installations involving wire ropes.