1.	Record Nr.	UNINA9911019922103321
	Autore	Adeli Hojjat <1950->
	Titolo	Cost optimization of structures : fuzzy logic, genetic algorithms, and parallel computing / / Hojjat Adeli, Kamal C. Sarma
	Pubbl/distr/stampa	Chichester, England ; ; Hoboken, NJ, : Wiley, c2006
	ISBN	9786610722211 9781280722219 1280722215 9780470300459 0470300450 9780470867358 0470867353 9780470867341 0470867345
	Descrizione fisica	1 online resource (223 p.)
	Altri autori (Persone)	SarmaKamal C <1955-> (Kamal Chandra)
	Disciplina	721/.042
	Soggetti	Structural optimization - Mathematics Skyscrapers - Design and construction - Cost control
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references (p. [185]-199) and index.
	Nota di contenuto	Cost Optimization of Structures; Contents; Preface; Acknowledgments; About the Authors; 1 Introduction; 1.1 The Case for Cost Optimization; 1.2 Cost Optimization of Concrete Structures; 1.2.1 Concrete Beams and Slabs; 1.2.2 Concrete Columns; 1.2.3 Concrete Frame Structures; 1.2.4 Bridge Structures; 1.2.5 Water Tanks; 1.2.6 Folded Plates and Shear Walls; 1.2.7 Concrete Pipes; 1.2.8 Concrete Tensile Members; 1.2.9 Cost Optimization Using the Reliability Theory; 1.2.10 Concluding Comments; 1.3 Cost Optimization of Steel Structures; 1.3.1 Deterministic Cost Optimization 1.3.2 Cost Optimization Using the Reliability Theory1.3.3 Fuzzy Optimization; 1.3.4 Concluding Comments; 2 Evolutionary Computing and the Genetic Algorithm; 2.1 Overview and Basic Operations; 2.2 Coding and Decoding; 2.3 Basic Operations in Genetic Algorithms; 2.4 GA with the Penalty Function Method; 2.4.1 Problem Formulation for

Sommario/riassunto

While the weight of a structure constitutes a significant part of the cost, a minimum weight design is not necessarily the minimum cost design. Little attention in structural optimization has been paid to the cost optimization problem, particularly of realistic three-dimensional structures. Cost optimization is becoming a priority in all civil engineering projects, and the concept of Life-Cycle Costing is penetrating design, manufacturing and construction organizations. In this groundbreaking book the authors present novel computational models for cost optimization of large scale, realistic

2.	Record Nr.	UNIORUON00006560
	Autore	ZULFIKAR, Hamza
	Titolo	Bitlis - Mus yorelerinde halk kulturu : Ataturk ve kunayimilliye hareketleri / Hamza Zulfikar
	Pubbl/distr/stampa	Ankara, : Feryal Matbaacilik Sanayi ve Ticaret Limitet Sirketi, 1992
	ISBN	97-533-8912-2
	Descrizione fisica	V, 109 p. ; 24 cm
	Classificazione	TUR IV
	Soggetti	Turchia - Storia - Sec. 20
	Lingua di pubblicazione	Turkish
	Formato	Materiale a stampa
	Livello bibliografico	Monografia