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Autore	Lawlor Gary R (Gary Reid), <1961->
Titolo	A sufficient criterion for a cone to be area-minimizing // Gary R. Lawlor
Pubbl/distr/stampa	Providence, Rhode Island : , : American Mathematical Society, , 1991 ©1991
ISBN	1-4704-0872-4
Descrizione fisica	1 online resource (121 p.)
Collana	Memoirs of the American Mathematical Society, , 0065-9266 ; ; Volume 91, Number 446
Disciplina	515/.42
Soggetti	Geometric measure theory Cone
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Formato	Materiale a stampa
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Nota di contenuto	""Table of Contents""; ""Abstract""; ""Acknowledgements""; ""Introduction""; ""Chapter 1: A Minimization Test for Cones""; ""1.1 The retraction II""; ""1.2 The curvature criterion""; ""1.3 Simplifications""; ""1.4 Table of vanishing angles""; ""Chapter 2: Calibrations""; ""2.1 Preliminary definitions""; ""2.2 Zero curvature""; ""2.3 Nonzero curvature""; ""2.4 Relationships between Chapter 1 and Chapter 2""; ""Chapter 3: The Differential Equation""; ""3.1 Overview""; ""3.2 Zero curvature""; ""3.3 General curvature""; ""3.4 Numerical analysis of the differential equation"" ""Chapter 4: Cones for Which the Criterion is Necessary as Well as Sufficient""""4.1 Introduction""; ""4.2 General setup""; ""4.3 Codimension 1""; ""4.4 Higher codimension""; ""Chapter 5: Examples of Area-minimizing Cones""; ""5.1 Cones over products of spheres""; ""5.2 Cones over unorientable manifolds""; ""5.3 Unions of planes""; ""5.4 Cones over compact matrix groups""; ""5.5 Codimension 1 cones over orbits of group actions""; ""Chapter 6: Some Perturbation Results""; ""6.1 The strict curvature criterion""; ""6.2 Calibration of a nearby minimal graph"" ""6.3 Minimal surfaces in a neighborhood of a singularity""""6.4 A persistent singularity in a minimizing surface""; ""Chapter 7: Open Questions""; ""Appendix""; ""References""

2. Record Nr.	UNINA9910437888403321
Titolo	Metaheuristics for Bi-level Optimization // edited by El-Ghazali Talbi
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2013
ISBN	9783642378386 3642378382
Edizione	[1st ed. 2013.]
Descrizione fisica	1 online resource (XVIII, 288 p. 69 illus.)
Collana	Studies in Computational Intelligence, , 1860-949X ; ; 482
Disciplina	006.3
Soggetti	Computational intelligence Artificial intelligence Computational Intelligence Artificial Intelligence
Lingua di pubblicazione	Inglese
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Livello bibliografico	Monografia
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Nota di contenuto	A taxonomy of metaheuristics for bi-level optimization -- A genetic algorithm for power system vulnerability analysis under multiple contingencies -- A bilevel particle swarm optimization algorithm for supply chain management problems -- CoBRA: A coevolutionary metaheuristic for bi-level optimization -- A matheuristic for leader-follower games involving facility location-protection-interdiction decisions -- A metaheuristic framework for bi-Level programming problems with multi-disciplinary applications -- Matheuristics and Exact Methods for the Discrete (rlp)-Centroid Problem -- Exact solution methodologies for linear and (mixed) integer bilevel programming -- Bilevel multi-Objective optimization and decision making.
Sommario/riassunto	This book provides a complete background on metaheuristics to solve complex bi-level optimization problems (continuous/discrete, mono-objective/multi-objective) in a diverse range of application domains. Readers learn to solve large scale bi-level optimization problems by efficiently combining metaheuristics with complementary metaheuristics and mathematical programming approaches. Numerous real-world examples of problems demonstrate how metaheuristics are

applied in such fields as networks, logistics and transportation,
engineering design, finance and security.
