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By: Misener, Ruth; Floudas, Christodoulos A. Collection) APPLIED AND COMPUTATIONAL MATHEMATICS Volume: 8 Issue: 1 Pages: 3-22 Published: 2009 View Abstract ▼ **Numerical Optimization, Second Edition** Times Cited: 6,916 (from Web of Science Core By: Nocedal, J; Wright, SJ NUMERICAL OPTIMIZATION, SECOND EDITION Book Series: Springer Series in Operations Research and Financial Collection) Engineering Pages: 1-664 Published: 2006 Publisher: SPRINGER, 233 SPRING STREET, NEW YORK, NY 10013, UNITED STATES Validation of nominations in gas network optimization: models, methods, and solutions Times Cited: 43 (from Web of Science Core By: Pfetsch, Marc E.; Fuegenschuh, Armin; Geissler, Bjoern; et al. Collection) OPTIMIZATION METHODS & SOFTWARE Volume: 30 Issue: 1 Pages: 15-53 Published: FEB 2015 Optimization problems in natural gas transportation systems: A state-of-the-art review Times Cited: 141 (from Web of Science Core By: Rios-Mercado, Roger Z.; Borraz-Sanchez, Conrado APPLIED ENERGY Volume: 147 Pages: 536-555 Published: JUN 1 2015 Collection) Full Text from Publisher View Abstract ▼ Highly Cited Paper Computational optimization of gas compressor stations: MINLP models versus continuous Times Cited: 21 (from Web of Science Core reformulations Collection) By: Rose, Daniel; Schmidt, Martin; Steinbach, Marc C.; et al. Full Text from Publisher Free Published Article From Repository View Abstract ▼ Optimal switching for hybrid semilinear evolutions **Times Cited: 8** (from Web of Science Core By: Rueffler, Fabian; Hante, Falk M. Collection) NONLINEAR ANALYSIS-HYBRID SYSTEMS Volume: 22 Pages: 215-227 Published: NOV 2016 Free Full Text from Publisher View Abstract ▼ 44. BARON 14.3.1: global optimization of mixed-integer nonlinear programs, user's manual. **Times Cited: 19** (from Web of Science Core By: Sahinidis, N. Collection) BARON 14 3 1 GLOBAL Published: 2014 Publisher: The Optimization Firm, LLC, Pittsburgh Mathematical programs with complementarity constraints: Stationarity, optimality, and sensitivity Times Cited: 392 (from Web of Science Core By: Scheel, H; Scholtes, S Collection) MATHEMATICS OF OPERATIONS RESEARCH Volume: 25 Issue: 1 Pages: 1-22 Published: FEB 2000 Full Text from Publisher View Abstract ▼ Times Cited: 1 Computing feasible points for binary MINLPs with MPECs (from Web of Science Core By: Schewe, L; Schmidt, M. Collection) Math Program Comput Published: 2018 A primal heuristic for nonsmooth mixed integer nonlinear optimization Times Cited: 11 By: Schmidt, M; Steinbach, MC; Willert, BM. (from Web of Science Core Facets of combinatorial optimization Pages: 295-320 Published: 2013 Collection) Publisher: Springer, Berlin Full Text from Publisher 48. A generic interior-point framework for nonsmooth and complementarity constrained nonlinear optimization Times Cited: 20 By: Schmidt, M.

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	THESIS Published: 2013 Ph.D. thesis Publisher: Gottfried Wilhelm Leibniz Universitat Hannover	(from Web of Science Core Collection)
49.	GasLib-A Library of Gas Network Instances By: Schmidt, Martin; Assmann, Denis; Burlacu, Robert; et al. DATA Volume: 2 Issue: 4 Article Number: 40 Published: DEC 2017 Free Full Text from Publisher View Abstract ▼	Times Cited: 12 (from Web of Science Core Collection)
50.	High detail stationary optimization models for gas networks: validation and results By: Schmidt, Martin; Steinbach, Marc C.; Willert, Bernhard M. OPTIMIZATION AND ENGINEERING Volume: 17 Issue: 2 Pages: 437-472 Published: JUN 2016	Times Cited: 14 (from Web of Science Core Collection)
51.	Full Text from Publisher View Abstract ▼ High detail stationary optimization models for gas networks By: Schmidt, Martin; Steinbach, Marc C.; Willert, Bernhard M. OPTIMIZATION AND ENGINEERING Volume: 16 Issue: 1 Pages: 131-164 Published: MAR 2015 Full Text from Publisher View Abstract ▼	Times Cited: 30 (from Web of Science Core Collection)
52.	Continuous reformulations of discrete-continuous optimization problems By: Stein, O; Oldenburg, J; Marquardt, W COMPUTERS & CHEMICAL ENGINEERING Volume: 28 Issue: 10 Pages: 1951-1966 Published: SEP 15 2004 Full Text from Publisher View Abstract	Times Cited: 43 (from Web of Science Core Collection)
53.	A polyhedral branch-and-cut approach to global optimization By: Tawarmalani, M; Sahinidis, NV MATHEMATICAL PROGRAMMING Volume: 103 Issue: 2 Pages: 225-249 Published: JUN 2005 Full Text from Publisher View Abstract ▼	Times Cited: 627 (from Web of Science Core Collection)
54.	Math in gas and the art of linearization By: van der Hoeven, T. THESIS Published: 2004 PhD thesis Publisher: Rijksuniversiteit Groningen	Times Cited: 5 (from Web of Science Core Collection)
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