Journal of Global Optimization **13:** 494–496, 1998.

Contents Volume 13

VOLUME 13, NO. 1 – JULY 1998

H.P. Benson / An Outer Approximation Algorithm for Generating All Efficient Extreme Points in the Outcome Set of a Multiple Objective Linear Programming Problem 1–24
M. Locatelli / Relaxing the Assumptions of the Multilevel Single Linkage Algorithm 25–42
K. Kogan and E. Khmelnitsky / Tracking Demands in Optimal Control of Managerial Systems with Continuously-divisible, Doubly Constrained Resources 43–59
A.S. Strekalovsky and I. Tsevendorj / Testing the $\Re$-strategy for a Reverse Convex Problem 61–74
J.-P. Puget and P. van Hentenryck / A Constraint Satisfaction Approach to a Circuit Design Problem 75–93
D.R. Dreyer and M.L. Overton / Two Heuristics for the Euclidean Steiner Tree Problem 95–106
Book Review 107–108

VOLUME 13, NO. 2 – SEPTEMBER 1998

F.H. Clarke, J.-B. Hiriart-Urruty and Yu.S. Ledyaev / On Global Optimality Conditions for Nonlinear Optimal Control Problems 109–122
R. Horst and U. Raber / Convergent Outer Approximation Algorithms for Solving Unary Programs 123–149
Y. Yajima and T. Fujie / A Polyhedral Approach for Nonconvex Quadratic Programming Problems with Box Constraints 151–170
Le Thi Hoai An and Pham Dinh Tao / A Branch and Bound Method via d.c. Optimization Algorithms and Ellipsoidal Technique for Box Constrained Nonconvex Quadratic Problems 171–206
M. Gaviano and D. Lera / Test Functions with Variable Attraction Regions for Global Optimization Problems 207–223

ICPC: PIPS No. 157691 MATHKAP
13-4vc.tex; 10/12/1998; 10:13; v.7; p.1

VOLUME 13, NO. 3 – OCTOBER 1998

H. Konno, Ch. Gao and I. Saitoh / Cutting Plane/Tabu Search Algorithms for Low Rank Concave Quadratic Programming Problems 225–240
F.M. Coetzee and V.L. Stonick / On Producing Multiple Solutions Using Repeated Trials 241–254
C-Y. Lin and I-M. Huang / A Crystal Growth Approach for Topographical Global Optimization 255–267
M. Miettinen and P.D. Panagiotopoulos / Hysteresis and Hemivariational Inequalities: Semilinear Case 269–298
E. Levitin and R. Tichatschke / A Branch-and-Bound Approach for Solving a Class of Generalized Semi-infinite Programming Problems 299–315
B. Lemaire and M. Volle / A General Duality Scheme for Nonconvex Minimization Problems with a Strict Inequality Constraint 317–327
Book Reviews 329–333

VOLUME 13, NO. 4 – DECEMBER 1998

Special Issue: Workshop on Global Optimization,
University of Trier, Germany, 1997
Guest editors: Reiner Horst and Nguyen Van Thoai

R. Horst and N.V. Thoai / Editorial 335
W. Oettli and D. Schläger / Conjugate Functions for Convex and Nonconvex Duality 337–347
J.-B. Hiriart-Urruty / Conditions for Global Optimality 2 349–367
I.M. Bomze / On Standard Quadratic Optimization Problems 369–387
A. Kaplan and R. Tichatschke / Proximal Point Methods and Nonconvex Optimization 389–406
B. Jaumard and Ch. Meyer / A Simplified Convergence Proof for the Cone Partitioning Algorithm 407–416
U. Raber / A Simplicial Branch-and-Bound Method for Solving Nonconvex All-Quadratic Programs 417–432
Z.B. Zabinsky / Stochastic Methods for Practical Global Optimization 433–444
F. Schoen / Random and Quasi-Random Linkage Methods in Global Optimization 445–454
D.R. Jones, M. Schonlau and W.J. Welch / Efficient Global Optimization of Expensive Black-Box Functions 455–492
Acknowledgments for Refereeing 493
Contents Volume 13 / List of Contributors 494–496

List of Contributors

Benson, H.P., 1, 107
Bomze, I.M., 369
Clarke, F.H. , 109
Coetzee, F.M., 241
Dreyer, D.R., 95
Fujie, T., 151
Gao, Ch., 225
Gaviano, M., 207
Hiriart-Urruty, J.-B. , 109, 349
Horst, R., 123, 335
Huang, I-M., 255
Jaumard, B., 407
Jones, D.R., 455
Kaplan, A., 389
Khmelnitsky, E., 43
Kogan, K., 43
Konno, H., 225
Ledyaev, Yu.S., 109
Le Thi Hoai An, 171
Lemaire, B., 317
Lera, D., 207
Levitin, E., 299
Lin, C-Y., 255
Locatelli, M., 25
Meyer, Ch., 407
Miettinen, M., 269
Oettli, W., 337
Overton, M.L., 95
Panagiotopoulos, P.D., 269, 329
Pardalos, P.M., 331
Pham Dinh Tao, 171
Puget, J.-P., 75
Raber, U., 123, 417
Saitoh, I., 225
Schläger, D., 337
Schoen, F., 445
Schonlau, M., 455
Stonick, V.L., 241
Strekalovsky, A.S., 61
Thoai, N.V., 335
Tichatschke, R., 299, 389
Tsevendorj, I., 61
van Hentenryck, P., 75
Volle, M., 317
Welch, W.J., 455
Yajima, Y., 151
Zabinsky, Z.B., 433