

Alphabetical list of contributors of volume 26 (1997)

AUTHOR, Title, Issue number, pages

- K. ALLALI and T. AMAHROQ, On openness and regularity of γ -paraconvex multifunctions, 1, 87-92.
- S. BELOV and N. FUJII, Symmetry and sufficient condition of optimality in a domain optimization problem, 1, 45-56.
- S. DENIZIAK and K. SAPIECHA, A new method of fast fault grading, 2, 271-298.
- P. DESTUYNDER and A. SAIDI, Smart materials and flexible structures, 2, 161-205.
- B. DIMITROV and D. GREEN, Stochastic optimization problems under incomplete information on distribution functions, 1, 93-110.
- A.E. EIBEN and C.H.M. van KEMENADE, Diagonal crossover in genetic algorithms for numerical optimization, 3, 447-465.
- K. EPPLER and A. UNGER, Boundary control of semilinear elliptic equations – existence of optimal solutions, 2, 249-259.
- D.B. FOGEL, E.C. WASSON, E.M. BOUGHTON, V.W. PORTO, J.W. SHIVELY, Initial results of training neural networks to detect breast cancer using evolutionary programming, 3, 497-510.
- J. FREIXAS and G. GAMBARELLI, Common internal properties among power indices, 4, 591-603.
- R. GABASOV, F.M. KIRILLOVA, S.V. PRISCHEPOVA, Optimal controller for discrete systems with indeterminate perturbations, 2, 227-239.
- G. GAMBARELLI and P. PIANA, The Gulf War economic game, 2, 207-214.
- R. GESSING (Book review): Marc A. Peters and Pabla Iglesias: *Minimum Entropy Control for Time Varying Systems*, 3, 581-582.
- H. GÓRECKI, Trade-off between energy and entropy of information, 2, 215-225.
- R. HETTICH, A. KAPLAN, R. TICHATSCHKE, Regularized penalty methods for ill-posed optimal control problems with elliptic equations. Part I: Distributed control with bounded control set and state constraints, 1, 5-27.
- R. HETTICH, A. KAPLAN, R. TICHATSCHKE, Regularized penalty methods for ill-posed optimal control problems with elliptic equations. Part II: Distributed and boundary control with unbounded control set and state constraints, 1, 29-43.

- K. DE JONG, Evolutionary computation: recent developments and open issues, 3, 563-574.
- A. LÉONTIEV, The problem on the shape of a pile of granular substance, 1, 57-67.
- T. LEWIŃSKI (Book review): A.M. Khludnev, J. Sokolowski: *Modelling and Control in Solid Mechanics*, 3, 575-579.
- N.E. MASTORAKIS, A multi-step factorization scheme for a specific class of $m - D$ polynomials, 4, 659-663.
- J.W. MERCIK, Power and expectations, 4, 617-621.
- O. MICHEL, Dynamical genomic network applied to artificial neurogenesis, 511-531.
- E. MLYNARSKA, Sufficient optimality conditions and the dual dynamic programming for the calculus of variations, 4, 641-652.
- P. NORDIN and W. BANZHAF, Real time control of a Khepera robot using genetic programming, 3, 533-561.
- H. NURMI, On power indices and minimal winning coalitions, 4, 609-611.
- F.E. PETRY, Architectural support issues for fuzzy databases, 2, 261-269.
- G. RUDOLPH, Convergence rates of evolutionary algorithms for a class of convex objective functions, 3, 375-390.
- M. SCHOENAUER and Z. MICHALEWICZ, Preface, 3, 303-306.
- M. SCHOENAUER and Z. MICHALEWICZ, Evolutionary computation, 3, 307-338.
- WEN SONG, Optimality conditions and Lagrangian duality for vector optimization of invex set-valued functions, 1, 69-85.
- H. SOSNOWSKA, Coalitions and rationality, 4, 623-624.
- R.P. SRIVASTAVA, Audit decisions using belief functions: a review, 2, 135-160.
- L.F. SUGIANTO and W. MIELCZARSKI, Dynamic programming application to optimize spare parts inventory, 1, 111-130.
- P.D. SURRY, N.J. RADCLIFFE, The COMOGA method: constrained optimisation by multi-objective genetic algorithms, 3, 391-412.
- S. TRYBULA, A duel under arbitrary moving of the duelists, 4, 635-640.
- S. TRYBULA, A silent versus partially noisy duel under arbitrary moving and under general assumptions on the payoff function, 4, 625-634.
- F. TURNOVEC, Power, power indices and intuition, 4, 613-615.
- G. VENTURINI, S. ROCHET, M. SLIMANE, Schemata and deception in binary genetic algorithms: a tutorial, 3, 339-373.
- L. WANG, A new approach to strict positive realness of interval transfer functions, 2, 241-248.
- J. WĄSOWSKI, On solution of fuzzy equations, 4, 653-658.
- M. WODRICH and G. BILCHEV, Cooperative distributed search: the ants' way, 3, 413-445.
- XIN YAO and YONG LIU, Fast evolution strategies, 3, 467-496.
- S. ZADROŻNY (Book review): P.A. Gloor: *Elements of Hypermedia Design*,

Alphabetical list of contributors of volume 27 (1998)

AUTHOR, Title, Issue number, pages

- E. BEDNARCZUK (Book review): G. Nürnberg, J. Schmidt, G. Walz: *Multivariate Approximation and Splines*, 3, 487-489.
- E.M. BEDNARCZUK and W. SONG, Contingent epiderivative and its applications to set-valued optimization, 3, 375-386.
- M.P. BENDSØE and J.E. TAYLOR and P.D. WASHABAUGH, A formulation for optimal continuum structures with a decomposition of material properties into specified and designable parts, 2, 255-264.
- M. BROKATE and P. KREJČÍ and D. RACHINSKII, Some analytical properties of the multidimensional continuous Mróz model of plasticity, 2, 199-215.
- A.V. CHERKAEV, L.A. KROG, I. KUCUK, Stable optimal design of two-dimensional elastic structures, 2, 265-282.
- S.T. CHRISTENSEN and N. OLHOFF, Shape optimization of a loudspeaker diaphragm with respect to sound directivity properties, 2, 177-198.
- I. CHRYSOVERGHI, A. BACOPOULOS, J. COLETOS, B. KOKKINIS, Discrete approximation of nonconvex hyperbolic optimal control problems with state constraints, 1, 29-50.
- CHUL-HWAN JUNG, KEE-CHOON KWON, A fuzzy controller with a real-time tuning algorithm and its application to a steam generator water level control, 4, 545-564.
- C. CINQUINI, C. MARIANI and P. VENINI, Mixed finite element formulation and optimal design of thin composite laminates, 2, 165-176.
- F. CONRAD and A. MIFDAL, Strong stability of a model of an overhead crane, 3, 363-374.
- J. FOLGADO and H. RODRIGUES, Structural optimization with a non-smooth buckling load criterion, 2, 235-253.
- P. GRZEGORZEWSKI, Statistical inference about the median from vague data, 3, 447-464.
- T. HASEGAWA and T. FURUHASHI, Stability analysis of fuzzy control systems simplified as a discrete system, 4, 565-577.
- Z. HEJNOWICZ (Book review): W. Alt, A. Deutsch, G. Dunn (eds.): *Dynamics of Cell and Tissue Motion*, 3, 483-484.

- acquisition in complex time series, 4, 593-611.
- A. KAPLAN and R. TICHATSCHKE, Regularized penalty method for non-coercive parabolic optimal control problems, 1, 5-27.
- A.M. KHLUDNEV and J. SOKOŁOWSKI, On solvability of boundary value problems in elastoplasticity, 2, 311-330.
- H. KOŁAKOWSKI (Book review): Yuri V. Egorov, Bert-Wolfgang Schulze: *Pseudo-differential operators, singularities, applications*, 3, 493-495.
- J. KUDREWICZ (Book review): Kevin Judd, Alistair Mees, Kok Lay Teo, Thomas L. Vincent: *Control and Chaos*, 3, 485-486.
- R. KULIKOWSKI, Portfolio optimization – two rules approach, 3, 429-446.
- R. KULIKOWSKI, Two factors utility approach, 3, 417-428.
- R. LIPTON, On existence of energy minimizing configurations for mixtures of two imperfectly bonded conductors, 2, 217-234.
- K. LURIE, G -closures of material sets in space-time and perspectives of dynamic control in the coefficients of linear hyperbolic equations, 2, 283-294.
- K. MALANOWSKI, Application of the classical implicit function theorem in sensitivity analysis of parametric optimal control, 3, 335-352.
- A. MYŚLIŃSKI (Book review): Andrej Cherkaev and Robert Kohn (eds.): *Topics in the mathematical modelling of composite materials*, 1, 153-157.
- A. NIEDERLIŃSKI (Book review): Teng-Tiow Tay, Iven Mareels and John B. Moore: *High performance control*, 1, 145-147.
- K. PAL and N.R. PAL, Learning of rule importance for fuzzy controllers to deal with inconsistent rules and for rule elimination, 4, 521-543.
- Y.-H. PARK, G.-T. PARK, Design of a robust adaptive fuzzy controller globally stabilizing the multi-input nonlinear system with state-dependent uncertainty, 4, 613-629.
- P. PEDERSEN and D.A. TORTORELLI, Constitutive parameters and their evolution, 2, 295-310.
- J. PELCZEWSKI, Legendre polynomials method in time-optimal control of linear single-input systems, 1, 105-117.
- P.B. PETROVIĆ and V.R. MILAČIĆ, An adaptive fuzzy network for control of manipulating robot dynamic behavior, 4, 503-519.
- L. RUTKOWSKI (Book review): D. Docampo, A.R. Figueiras-Vidal, F. Pérez-González: *Intelligent Methods in Signal Processing and Communications*, 3, 491-492.
- J. SOKOŁOWSKI and J. TAYLOR, Preface, 2, 163.
- JUN SONG, XIAOMING XU, XING HE, A stability based neural networks controller design method, 1, 119-133.
- L. STETTNER (Book review): C.I. Burnes, B.N. Datta, D.S. Gilliam, C.F. Martin (eds.): *Systems and control in the twenty-first century*, 3, 479-481.
- M. STUDNIARSKI, Necessary optimality conditions for nonsmooth two-dimensional control systems described by Roesser's model, 1, 51-61.
- SUNG-BAE CHO, Preface: Control with softcomputing, 4, 501-502.

troller for an autonomous robot, 4, 579-591.

K. SZAJOWSKI and W.L. DE KONING, Discrete-time Markovian jump linear systems, 1, 63-80.

A. SZYMANOWSKA, The conjugate points sufficient conditions for an optimal control, 3, 353-362.

A. ŚWIERNIAK (Book review): C.E.D. D'Attelis, E.M. Fernandez-Berdaguer (eds.): *Wavelet theory and harmonic analysis in applied sciences*, 1, 149-152.

Y. UEMURA, A comparative study of the fuzzy linear model and the DEA in evaluation of efficiency of the DMUs, 3, 471-477.

Y. UEMURA, A satisficing method of introducing the concepts of fuzzy goal and fuzzy constraints into the DEA, 3, 465-469.

HUA XU, KOICHI MIZUKAMI and MICHIIHIKO KOBARA, Memoryless equilibrium strategies in multilevel decision processes of discrete-time descriptor systems, 1, 81-103.

A. YASSINE, Sub-gradient algorithms for computation of extreme eigenvalues of a real symmetric matrix, 3, 387-415.

L.S. ZAREMBA, Construction of a k - immunization strategy with the highest convexity, 1, 135-144.

