

Alphabetical list of contributors of volume 39 (2010)
FIRST AUTHOR, title, issue number, pages

- J.M. ALONSO-MEIJIDE, B. CASAS-MÉNDEZ, M.G. FIESTRAS-JANEIRO and M.J. HOLLER: Two variations of the Public Good Index for games with a priori unions, 839–855.
- I. BACH, G. BOCEWICZ, Z. A. BANASZAK and W. MUSZYŃSKI: Knowledge based and CP-driven approach applied to multi product small-size production flow, 69–95.
- D. BAGLEE and M. KNOWLES: Maintenance strategy development within SMEs: the development of an integrated approach, 275–303.
- N.N. BAKHTADZE, I.B. YADIKIN, V.V. KULBA, V.A. LOTOTSKY and E.M. MAXIMOV: An approach to coordination of power generating units, 305–318.
- T. BANEK: Incremental value of information for discrete-time partially observed stochastic systems, 769–781.
- M. BERETA and T. BURCZYŃSKI: Evolving ensembles of linear classifiers by means of clonal selection algorithm, 325–342.
- S. BIAŁAS and M. BIAŁAS: Schur stability of the convex combination of complex polynomials, 551–558.
- G. BORDOGNA and G. PSAILA: *Matrioshka's* soft approaches to personalized web exploration, 925–957.
- U. BORYCZKA: Ant colony metaphor in a new clustering algorithm, 343–358.
- B. BRODA, M. PIASECKI and S. SZPAKOWICZ: Extraction of Polish noun senses from large corpora by means of clustering, 401–420.
- M. BUSŁOWICZ: Simple conditions for robust stability of positive discrete-time linear systems with delays, 1159–1171.
- T.L. CHIEN, C.C. CHEN, Y.C. CHEN and S.L. WU: Improved fuzzy feedback linearization and Sinswat-transformation control of inverted pendulum, 1069–1093.
- F.C. CHITTARO and G. STEFANI: Singular extremals in multi-input time-optimal problems: a sufficient condition, 1029–1068.
- M. CHMIEL and E. HRYNKIEWICZ: Concurrent operation of processors in the bit-byte CPU of a PLC, 559–579.
- K. CIESIELSKI, D. CZERSKI, M. DRAMIŃSKI, M. KŁOPOTEK and S. WIERZCHOŃ: Semantic information within the BEATCA framework, 377–399.

- M.E. De GIULI and G. GIORGI: A remark on sensitivity in linear programming and Gale-Samuelson nonsubstitution theorem, 827–838.
- H. DU and N. ZHANG: Takagi-Sugeno fuzzy control scheme for electrohydraulic active suspensions, 1095–1115.
- J. DUDA: Lyapunov functional for a linear system with two delays, 797–809.
- J. DUDA: Lyapunov functional for a system with k -non-commensurate neutral time delays, 1173–1184.
- S. EL OTMANI, G. RHIN and J.-M. ÉPÉE: The EM Algorithm applied to determining new limit points of Mahler measures, 1185–1192.
- V.A. EMELICHEV, E.E. GUREVSKY and K.G. KUZMIN: On stability of some lexicographic integer optimization problem, 811–826.
- W. FROELICH and A. WAKULICZ-DEJA: Medical diagnosis support by the application of associational cognitive maps, 439–456.
- D. FURNO, V. LOIA and M. VENIERO: A fuzzy cognitive situation awareness for airport security, 959–982.
- P. GAWKOWSKI, M. ŁAWRYŃCZUK, P. MARUSAK, J. SOSNOWSKI and P. TATJEWSKI: Fail-bounded implementations of the numerical model predictive control algorithms, 1117–1134.
- Ch. GERBER, I. IVANOVA-VASILEVA and H.-M. HANISCH: Formal modeling of IEC 61499 function blocks with integer-valued data types, 197–231.
- R. GRIESSE, N. METLA and A. RÖSCH: Local quadratic convergence of SQP for elliptic optimal control problems with mixed control-state constraints, 717–738.
- K. GRUDZIŃSKI: Selection of prototypes with the E_kP system, 487–503.
- J.W. GRZYMALA-BUSSE, W.J. GRZYMALA-BUSSE, Z.S. HIPPE and W. RZAŚA: An improved comparison of three rough set approaches to missing attribute values, 469–486.
- F. HNAIEN, A. DOLGUI and M.A. OULD-LOULY: Key performance indicators for supply planning of multilevel serial systems with stochastic lead times, 133–148.
- P. HOMOLA and V. KUBOŇ: A method of hybrid MT for related languages, 421–438.
- J.S. JENSEN: Optimization of space-time material layout for 1D wave propagation with varying mass and stiffness parameters, 599–614.
- T. KACZOREK: Stabilization of fractional positive continuous-time linear systems with delays in sectors of left half complex plane by state-feedbacks, 783–795.
- KIL TO CHONG, O. KOSTYUKOVA and M. KURDINA: Guaranteed control policy with arbitrary set of correction points for linear-quadratic system with delay, 739–768.
- S. KLANCNIK, J. BALIC and F. CUS: Intelligent prediction of milling strategy using neural networks, 9–24.

- P. KORYTKOWSKI, T. WIŚNIEWSKI and O. ZAIKIN: Multi-criteria approach to comparison of inspection allocation for multi-product manufacturing systems in make-to-order sector, 97–116.
- J. MATUSZEK and A. MOCZAŁA: The modelling and simulation method in computer aided cooperation, 117–131.
- B. MOHAMMADI: Hadamard incomplete sensitivity and shape optimization, 615–626.
- A. MYŚLIŃSKI: Radial basis function level set method for structural optimization, 627–645.
- E. NAWARECKI and J. KOŹLAK: Building multi-agent models applied to supply chain management, 149–176.
- H.J. PESCH, A. RUND, W. VON WAHL and S. WENDL: On some new phenomena in state-constrained optimal control if ODEs as well as PDEs are involved, 647–660.
- A.P. PIOTROWSKI and J.J. NAPIÓRKOWSKI: The grouping differential evolution algorithm for multi-dimensional optimization problems, 527–550.
- C. PORCEL, J.M. MORALES DEL CASTILLO, M.J. COBO, A.A. RUÍZ and E. HERRERA-VIEDMA: An improved recommender system to avoid the persistent information overload in a university digital library, 899–923.
- T. PRACZYK: Searching for optimal size neural networks in Assembler Encoding, 1193–1215.
- Y. QIANG, M. DELAFONTAINE, K. ASMUSSEN, B. STICHELBAUT, G. DE TRÉ, P. DE MAEYER and N. VAN DE WEGHE: Modelling imperfect time intervals in a two-dimensional space, 983–1009.
- G. RZADKOWSKI and L.S. ZAREMBA: Shifts of the term structure of interest rates against which a given portfolio is preimmunized, 857–865.
- I. ROJEK: Neural networks as performance improvement models in intelligent CAPP systems, 55–68.
- E.W. SACHS and M. SCHU: Reduced order models in PIDE constrained optimization, 661–675.
- K. SANDKUHL: Capturing product development knowledge with task patterns: evaluation of economic effects, 259–273.
- S. SCHMIDT and V. SCHULZ: Shape derivatives for general objective functions and the incompressible Navier–Stokes equations, 677–713.
- A. SMIRNOV, T. LEVASHOVA, N. SHILOV and A. KASHEVNIK: Knowledge sharing in flexible supply networks: a context-based approach, 177–196.
- H. SONI, N.H. SHAH and Ch.K. JAGGI: Inventory models and trade credit: a review, 867–882.
- V. TORRA, G. NAVARRO-ARRIBAS and D. ABRIL: Supervised learning for record linkage through weighted means and OWA operators, 1011–1026.
- V.T. TRAN and B.-S. YANG: Machine fault diagnosis and condition prognosis

using classification and regression trees and neuro-fuzzy inference systems, 25–54.

K. TROJANOWSKI: Multi-swarm that learns, 359–375.

A.A. TZACHEVA: Algorithm for generalization of action rules to summaries, 457–468.

J. WEREWKA and M. DACH: Response-time analysis of a CAN network used for supervisory control and diagnostic systems, 1135–1157.

M.B. ZAREMBA: Intelligence in manufacturing systems: the pattern recognition perspective, 233–258.

A. ŽILINSKAS and J. ŽILINSKAS: On probabilistic bounds inspired by interval arithmetic, 507–525.