

CONTENTS

Special section

| | |
|---|-----|
| Pham T.P., Rabah M. and Estraillier P. A situation-based multi-agent architecture for handling misunderstandings in interactions | 439 |
| Pilotti P., Casali A. and Chesñevar C. A belief revision approach for argumentation-based negotiation agents | 455 |
| Śnieżyński B. A strategy learning model for autonomous agents based on classification | 471 |
| Smółka M., Schaefer R., Paszyński M., Pardo D. and Álvarez-Aramberri J. An agent-oriented hierarchic strategy for solving inverse problems | 483 |
| Nogueras R. and Cotta C. A study on meme propagation in multimemetic algorithms | 499 |
| Veloso B., Malheiro B. and Burguillo J.C. A multi-agent brokerage platform for media content recommendation | 513 |

Regular section

| | |
|---|-----|
| Costa R., Machado G.J. and Clain S. A sixth-order finite volume method for the 1D biharmonic operator: Application to intramedullary nail simulation | 529 |
| Kaczorek T. Analysis of the descriptor Roesser model with the use of the Drazin inverse | 539 |
| Ben Brahim A., Dhahri S., Ben Hmida F. and Sellami A. An H_∞ sliding mode observer for Takagi–Sugeno nonlinear systems with simultaneous actuator and sensor faults | 547 |
| Merheb A.-R., Noura H. and Bateman F. Design of passive fault-tolerant controllers of a quadrotor based on sliding mode theory | 561 |
| Góngora P.A. and Rosenblueth D.A. A symbolic shortest path algorithm for computing subgame-perfect Nash equilibria | 577 |
| Itoh H., Fukumoto H., Wakuya H. and Furukawa T. Bottom-up learning of hierarchical models in a class of deterministic POMDP environments | 597 |
| Villacorta P.J. and Pelta D.A. A repeated imitation model with dependence between stages: Decision strategies and rewards | 617 |
| Panek D., Skalski A., Gajda J. and Tadeusiewicz R. Acoustic analysis assessment in speech pathology detection | 631 |
| Paradowski M. On the order equivalence relation of binary association measures | 645 |
| Putz-Leszczynska J. Signature verification: A comprehensive study of the hidden signature method | 659 |
| Piegat A. and Pluciński M. Computing with words with the use of inverse RDM models of membership functions | 675 |
| Zok T., Antczak M., Riedel M., Nebel D., Villmann T., Lukasiak P., Blazewicz J. and Szachniuk M. Building the library of RNA 3D nucleotide conformations using the clustering approach | 689 |