

1. Vibration Anomaly Detection using Deep Neural Network and Convolutional Neural Network

Deac, C. (University Politehnica of Bucharest, Romania); Deac, G.C.; Părpălău, R.C.; Popa, C.L.; Cotet, C.E. **Source:** *International Journal of Modeling and Optimization*, v 11, n 1, p 19-28, 2021

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2. Force Control for Anthropomorphic Fingers Actuated by Shape Memory Alloy Wires

Hulea, M. (Gheorghe Asachi Technical University of Iasi, Faculty of Automatic Control and Computer Engineering, Romania) **Source:** *International Journal of Modeling and Optimization*, v 11, n 2, p 58-62, 2021

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3. Open-Source Neural Architecture Search with Ensemble and Pre-trained Networks

Lankford, S. (Dublin City University, Adapt Centre, Ireland) **Source:** *International Journal of Modeling and Optimization*, v 11, n 2, p 33-41, 2021

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4. Distributed heating system for residential homes

Clitan, I. (Technical University of Cluj-Napoca, Automation Department, Romania); Muresan, V.; Abrudean, M.; Clitan, A.F. **Source:** *International Journal of Modeling and Optimization*, v 11, n 1, p 29-32, 2021

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5. Innovative device for enhancing deaf-mute persons communication possibilities

Cotoros, D. (University of Brasov, Department of Product Design, Mechatronics and Environment, Romania); Stanciu, A.; Hutini, A. **Source:** *International Journal of Modeling and Optimization*, v 11, n 2, p 53-7, 2021

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6. Improved Gaussian Process Acquisition for Targeted Bayesian Optimization

Mitic, P. (UCL, Dept. of Computer Science, United Kingdom) **Source:** *International Journal of Modeling and Optimization*, v 11, n 1, p 12-18, 2021

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7. Community Safety and Well-being in Touristic Spots Using Open Data

Assis, D. (Universidade Nova de Lisboa, NOVA Information Management School, Portugal); De Castro Neto, M.; Motta, M. **Source:** *International Journal of Modeling and Optimization*, v 11, n 1, p 1-11, 2021

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8. On Calculating Method of the Kelly Criterion for Financial Investment in Single Risky Asset with Various Distributions of Returns

Yoshida, N. (Chuo University, Faculty of Science and Engineering, Japan) **Source:** *International Journal of Modeling and Optimization*, v 11, n 2, p 42-6, 2021

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9. LabVIEW Software Platform for Kinematics Analyse in Robotics

Olaru, A. (University Politehnic a of Bucharest, Romania); Dobrescu, T.; Olaru, S.; Mihai, I. **Source:** *International Journal of Modeling and Optimization*, v 11, n 2, p 47-52, 2021

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