

1. Mathematical Model of Tumor Cell Growth Based on Age Structure

Dhoruri, A. (Universitas Negeri Yogyakarta, Department of Mathematics Education, Indonesia); Sari, E.R.; Lestari, D.

Source: *International Journal of Modeling and Optimization*, v 10, n 2, p 25-8, April 2020

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2. The Development of Intelligent Industry in Romania

Gheorghe, G.I. (University of Bucharest, Romania) **Source:** *International Journal of Modeling and Optimization*, v 10, n 6, p 178-84, 2020

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3. Modeling and Vibration Reduction of a Flexible Planar Manipulator with Experimental System Identification

Malgaca, L. (Dokuz Eylul University, Department of Mechanical Engineering, Turkey); Lök, S.; Uyar, M.

Source: *International Journal of Modeling and Optimization*, v 10, n 4, p 121-5, 2020

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4. Gas Diffusion Simulation Based on Ensemble Approach

Gwak, K.M. (Korea Polytechnic University, Department of Smart Factory and Computer Science, Korea, Republic of); Rho, Y.J. **Source:** *International Journal of Modeling and Optimization*, v 10, n 5, p 165-9, 2020

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5. New 19 Axes Single-Processor System, for Door Moldings Manufacturing

Badescu, P. (Solicorp Software Inc. in Montreal, Montreal, QC, Canada); Mihai, N. **Source:** *International Journal of Modeling and Optimization*, v 10, n 3, p 104-8, 2020

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6. Method for the kinematic analysis of the vehicle axle guiding mechanisms

Alexandru, C. (Transilvania University of Brasov, Product Design, Mechatronics and Environment Department, Romania) **Source:** *International Journal of Modeling and Optimization*, v 10, n 4, p 126-31, 2020

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7. Development of upper-limb assist suit for reduction physical load in leaf photosynthesis measurement

Araie, T. (Polytechnic University of Japan, 2-32-1, Ogawa-nishimachi, Kodaira, Japan); Tomozumi, I.; Kakimoto, A.; Adachi, S. **Source:** *International Journal of Modeling and Optimization*, v 10, n 6, p 185-9, 2020

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8. Building a Cloud-Based Regression Model to Predict Click-Through Rate in Business Messaging Campaigns

Source: *International Journal of Modeling and Optimization*, v 10, n 1, p 34-9, Feb. 2020

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9. Systems Dynamics and Activity-Based Modeling to Blueprint Generative Knowledge Management Systems

Schmitt, U. (University of Stellenbosch, Business School, South Africa) **Source:** *International Journal of Modeling and Optimization*, v 10, n 6, p 170-7, 2020

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10. A Novel Design for Aerial Robots to Enhance Flight Performance

Beigomi, B. (Sharif University of Technology, Iran); Banazadeh, A. **Source:** *International Journal of Modeling and Optimization*, v 10, n 3, p 86-91, 2020

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11. Performance comparison in the optimisation of a parallel robot using particle swarm optimisation

Boanta, C. (Technical University of Cluj-Napoca, Romania); Brisau, C. **Source:** *International Journal of Modeling and Optimization*, v 10, n 3, p 92-6, 2020

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12. A Scalable Interactive Mixed Reality Escape Room Simulation for Anatomy Learning

Xi Guo (Birmingham City University, United Kingdom); Rees, D.; Richards, M. **Source:** *International Journal of Modeling and Optimization*, v 10, n 2, p 41-6, April 2020

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13. Roughness Grade Analysis on Fitness Landscape for Optimization Problem of Multi-Dimensional Function

Shi Hui Wu (Air Force Engineering University, Engineering College, China) **Source:** *International Journal of Modeling and Optimization*, v 10, n 3, p 97-103, 2020

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14. Deep Reinforcement Learning for Stock Portfolio Optimization

Le Trung Hieu (National University of Singapore, Singapore) **Source:** *International Journal of Modeling and Optimization*, v 10, n 5, p 139-44, 2020

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15. Low-Level Modeling for Routing and Scheduling Trains through Busy Railway Stations with Expandable Coupling/Decoupling Mechanism

Quoc Khanh Dang (Univ. Lille Nord-Europe, Research center in Computer Science, Signal and Automatic Control of Lille, France); Bourdeaud'huy, T.; Mesghouni, K.; Toguyéni, A. **Source:** *International Journal of Modeling and Optimization*, v 10, n 5, p 150-9, 2020

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16. Simulation of the Influence of Parameters on Simulated Moving Bed

Chao-Fan Xie (Fujian Normal University, Department of Electrical Engineering, China); Huang-Chu Huang; Yu-Ju Chen; Rey-Chue Hwang **Source:** *International Journal of Modeling and Optimization*, v 10, n 5, p 160-4, 2020

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17. Simulation of Three-Sided Lid-Driven Cavity

Kamel, A.G. (Alexandria University, Department of Engineering Mathematics and Physics, Egypt); Haraz, E.H.; Hanna, S.N. **Source:** *International Journal of Modeling and Optimization*, v 10, n 2, p 68-74, April 2020

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18. A Computational Method to Assess Post-operative Risk of Lung Cancer Patients

Sriwong, K. (Suranaree University of Technology, School of Computer Engineering, Thailand); Kerdprasop, K.; Chuaybamroong, P.; Kerdprasop, N. **Source:** *International Journal of Modeling and Optimization*, v 10, n 5, p 145-9, 2020

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19. Discrete Simulation on Elective Surgery Wait Line Using Arena Simulation Software

Xing Yee Leong (University of Sydney, School of Mathematics and Statistics, Sydney, NSW, Australia); Jajo, N.K.; Peiris, S. **Source:** *International Journal of Modeling and Optimization*, v 10, n 2, p 47-51, April 2020

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20. Neutrosophic Theory Applied in the Multi Objectives Optimization of the Robot's Joints Accelerations with the Virtual LabVIEW Instrumentation

Olaru, A. (University Politehnica of Bucharest, Romania); Olaru, S.; Mihai, N.; Smidova, N. **Source:** *International Journal of Modeling and Optimization*, v 10, n 3, p 79-85, 2020

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