

UNIVERSITATEA PETROL-GAZE DIN PLOIEȘTI
FACULTATEA DE INGINERIE MECANICĂ ȘI ELECTRICĂ
DEPARTAMENTUL AUTOMATICĂ, CALCULATOARE ȘI ELECTRONICĂ

LISTĂ DE LUCRĂRI (selecție)
Șef lucr. dr. ing. Popescu Marian

A. Teza de doctorat

Popescu Marian, Contribuții la dezvoltarea unui sistem ierarhizat de conducere distribuită a proceselor de fracționare, aprilie 2012, domeniul de doctorat Automatică

B. Cărți și capitole în cărți

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2. **Popescu M.**, Sisteme distribuite de supervizare și control – Îndrumar de laborator, Editura Universității Petrol-Gaze din Ploiești, 2018. ISBN 978-973-719-723-8
3. Pătrășcioiu C., **Popescu M.**, Dinamica sistemelor chimice, Editura MatrixRom, 2015. ISBN 978-606-25-0187-7
4. Oprea M., Dragomir E.G., Mihalache S.F., **Popescu M.**, Metode și tehnici de predicție a concentrației particulelor PM_{2.5} în mediul urban, în S. Iordache, D. Dunea (ed.), Metode de evaluare a efectelor poluării aerului cu particule în suspensie asupra sănătății copiilor, MatrixRom, pp 387-428, 2014. ISBN 978-606-25-0121-1
5. Paraschiv N., **Popescu M.**, Sisteme distribuite de supervizare și control, Editura Universității Petrol-Gaze din Ploiești, 2014. ISBN 978-973-719-557-9
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C. Articole indexate ISI/BDI

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2. **Popescu M.**, Pricop E., A Simulation-Based Approach to Evaluate the Effects of Cyberattacks Targeting Transducers in Control Systems. In: Noor, A., Saroha, K., Pricop, E., Sen, A., Trivedi, G. (eds) Emerging Trends and Technologies on Intelligent Systems. ETTIS 2024. Lecture Notes in Networks and Systems, vol 1073, pp 213–224, Springer, Singapore. https://doi.org/10.1007/978-981-97-5703-9_17, Print ISBN 978-981-97-5702-2, Online ISBN 978-981-97-5703-9
3. Cîrtoaje V., Băieșu A.S., **Popescu M.**, The proof of a notable symmetric inequality, Mathematical Inequalities & Applications, vol. 26, is. 3, pp. 717–727, 2023. WOS: 001048556400001, DOI: 10.7153/mia-2023-26-43, ISSN 1331-4343.
4. Pătrășcioiu C., Popa C., **Popescu M.**, Achievements Regarding the Optimal Control of Refinery Processes, Proceedings of 2023 24th International Conference on Control Systems and Computer Science (CSCS), 24–26 May 2023, Bucharest, Romania, pp. 16-21, 2023. DOI 10.1109/CSCS59211.2023.00012

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10. Pătrășcioiu C., **Popescu M.**, Paraschiv N., Popa C.R., Nicolae N., Academic Education Involvement in Refinery Advanced Process Control, In 30th European Symposium on Computer Aided Process Engineering, Editor(s): Sauro Pierucci, Flavio Manenti, Giulia Luisa Bozzano, Davide Manca, Computer Aided Chemical Engineering, Elsevier, Vol. 48, 2020, pp. 2047-2052. WOS: 000652152900342, ISSN 1570-7946, ISBN 9780128233771. DOI: <https://doi.org/10.1016/B978-0-12-823377-1.50342-6>
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D. Lucrări neindexate

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6. **Popescu M.**, Hierarchized Distributed Control System for a Gas Processing Unit, Journal of Electrical Engineering, Electronics, Control and Computer Science - JEECCS, Vol. 2, Is. 6, p 25-35, 2016. ISSN: 2457-7812
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