

Lista cu lucrări – drd. ing. Roșca Cosmina-Mihaela

A. Lucrări publicate în volume indexate Clarivate Analytics - Conference Proceedings Citation Index (fost ISI Proceedings)

A.1. **Roșca, C.M.**, Paraschiv, N., *Frequency Sampling Algorithm Applied in Microwave Measurements*, **21st International Conference on System Theory, Control and Computing**, October 19 - 21, 2017, Electronic ISBN: 978-1-5386-3842-2, USB ISBN: 978-1-5386-3841-5, Print on Demand(PoD) ISBN: 978-1-5386-3843-9 Sinaia, Romania, pp. 328-333, DOI: 10.1109/ICSTCC.2017.8107055

<https://ieeexplore.ieee.org/document/8107055/>

A.2. **Roșca, C.M.**, Paraschiv, N., *Frequency sampling algorithm applied in microwave measurements based on step – size control method*, ECAI Proceedings, **8th International Conference on Electronics, Computers and Artificial Intelligence**, 30 June - 2 July, 2016, Electronic ISBN: 978-1-5090-2047-8, DVD ISBN: 978-1-5090-2044-7, Print on Demand(PoD) ISBN: 978-1-5090-2048-5, Ploiești, Romania, pp. 1-4, DOI: 10.1109/ECAI.2016.7861104

<https://ieeexplore.ieee.org/document/7861104/>

A.3. **Roșca, C.M.**, Paraschiv, N., *Increased speed in microwave measurements based on spline interpolation model*, **13th International Conference on Development and Application Systems (DAS)**, 19-21 May 2016, Electronic ISBN: 978-1-5090-1993-9, DVD ISBN: 978-1-5090-1992-2, IEEE, Suceava, Romania, pp.166-172, DOI: 10.1109/DAAS.2016.7492567

<https://ieeexplore.ieee.org/document/7492567/>

A.4. **Roșca, C.M.**, Rădulescu, G., *Reduced time microwave filter tuning*, ECAI Proceedings, **7th International Conference on Electronics, Computers and Artificial Intelligence**, 25-27 June, 2015, Electronic ISBN: 978-1-4673-6647-2, Print ISBN: 978-1-4673-6646-5, DVD ISBN: 978-1-4673-6645-8, București, Romania, pp. SSS-9-SSS-12, DOI: 10.1109/ECAI.2015.7301197

<https://ieeexplore.ieee.org/document/7301197/>

B. Lucrări publicate în reviste indexate în baze de date internaționale

B.1. **Roșca C.**, *Vector Network Analyzer monitoring system using Raspberry PI*, Petroleum-Gas University of Ploiesti Bulletin, Vol. LXX, Technical Series no.1/2018, ISSN 1224-8499, Ploiești, Romania.

B.2. **Roșca C.**, *Improved Rational Interpolation Model for Microwave Measurements*, Petroleum-Gas University of Ploiesti Bulletin, Vol. LXIX, Technical Series no.4/2017, ISSN 1224-8499, Ploiești, Romania.

C. Lucrări prezentate la conferințe indexate IEEE

C.1. **Roșca, C.M.**, Paraschiv, N., *Frequency sampling algorithm applied in microwave measurements based on extreme points*, **10th International Conference on Electronics, Computers and Artificial Intelligence**, 28 - 30 June, 2018, Iași, Romania, în curs de apariție

<http://ecai.ro/>

D. Lucrări acceptate pentru susținere la conferințe indexate IEEE

D.1. **Roșca, C.M.**, Paraschiv, N., *Comparative analysis among frequency sampling algorithm applied in microwave measurements*, **22nd International Conference on System Theory, Control and Computing**, October 10 - 12, 2018, Sinaia, România, în curs de apariție

http://www.icstcc.ugal.ro/2018/programs/STCC18_ContentListWeb_3.html#frb4