

LISTA DE LUCRĂRI – As. Univ. Dr.ing. Radu Mircea Ciuceanu

A – Teza de doctorat

“[Contributii privind calculul circuitelor neliniare in regim periodic](#)” – conducator prof. dr. ing. Florea Hantila, 2015.

C – Lucrari indexate ISI/BDI

- [C1] I.V.Nemoianu, R.M.Ciuceanu – “[Aspects of active and reactive powers conservation in three-phase circuits with zero impedance neutral and two nonlinear unbalanced loads](#)”, *Revue Roumaine des Sciences Technique, serie Electrotehnică et Energetique*, Editura Academiei Romane, ISSN 0035-4066, tome 61, Nr.4, pp., Bucurest, 2016 (sub tipar);
- [C2] I.V.Nemoianu, M. Maricar, **R.M.Ciuceanu** – “[Active and Reactive Power Flow in Distorting Three-Phase Unbalanced Circuits Without Neutral](#)”, Proceedings of International Symposium on Fundamentals of Electrical Engineering, ISFEE 2016, University POLITEHNICA of Bucharest, Bucharest, Romania, June30-July 2, 2016, *IEEE Explore*, Cat. No.:CFP1693Y-ART, ISBN: 978-1-4673-9575-5, (in curs de indexare);
- [C3] I.V.Nemoianu, R.M.Ciuceanu – “[Characterization of non-linear three-phase unbalanced circuits powers flow supplied with symmetrical voltages](#)”, *Revue Roumaine des Sciences Technique, serie Electrotehnică et Energetique*, Editura Academiei Romane, ISSN 0035-4066, tome 60, Nr.4, pp.355-365, Bucurest 2015;
- [C4] I.V.Nemoianu, R.M.Ciuceanu – “[Non-symmetry and residual active and reactive powers flow in non-linear three-phase unbalanced circuits](#)”, *Revue Roumaine des Sciences Technique, serie Electrotehnică et Energetique*, Editura Academiei Romane, ISSN 0035-4066, tome 60, Nr.3, pp.229-239, Bucurest 2015;
- [C5] F.I.Hantila, M.Maricar, R.M.Ciuceanu, L.Corlan – “[Harmonic Analysis of Circuits with Nonlinear Resistive Elements](#)”, *Revue Roumaine des Sciences Technique, serie Electrotehnică et Energetique*, Editura Academiei Romane, ISSN 0035-4066, tome 57, Nr.4, pp.333-340, Bucurest 2012;
- [C6] F.I.Hantila, M.Maricar, F.Constantinescu, R.Ciuceanu – “[A new method for time domain computation of the steady state in nonlinear circuits](#)”, *IEEE International Conference on Microwaves, Communications, Antennas and Electronics Systems (COMCAS)*, pp.1-6, DOI: 10.1109/COMCAS.2011.6105918, 7-9 Nov.2011;
- [C7] A.Ioanid, R.M.Ciuceanu – “[Static dielectric electrolyte permittivity in electric double layer](#)” *Digest Journal of Nanomaterials and Biostructures*, ISSN 1842-3582, Vol.6, No.3, pp1427-1434, July-September 2011;
- [C8] Ana Ioanid, **Radu Mircea Ciuceanu** - “[Toward the physical basis of complex systems: Dielectric analysis of porous silicon nanochannels in the electrical double layer length range](#)” - *BRAIN. Broad Research in Artificial Intelligence and Neurosciences*, ISSN 2067-3957, Vol.1, pp.159-169, October 2010;
- [C9] Ana Ioanid, **Radu Mircea Ciuceanu**, “[Simulation of the Growth Process of a Silicium Nanotubes Structure as Biomaterial in the Porosity of Zeolite AFI](#)”, Proceedings of the First International Conference on Complexity and Intelligence of the Artificial and Natural Complex Systems. Medical Applications of the Complex Systems. Biomedical Computing, *IEEE Computer Society*, ISBN 978-0-7695-3621-7, pp.225-230, Los Alamitos, CA, 2009;

- [C10] A.Panaitescu, R.M.Ciuceanu, "[Electric Flux in Unipolar Induction Devices](#)" *Revue Roumaine des Sciences Technique, serie Electrotehnique et Energetique*, Editura Academiei Romane, ISSN 0035-4066, tome 54, Nr.2, pp.127-138, Bucarest 2009;

D – Lucrari publicate in reviste si volume de conferinte cu referenti (neindexate)

- [D1] A.Ioanid, R.M.Ciuceanu, "[Dielectric analysis of porous silicon nanochannels in the electrical double layer length range. mathematical features of physical mechanisms complexity](#)", International Symposium on Understanding Intelligent and Complex Systems, UICS2009, Romanian Academy, Bucharest and Petru Maior University, Targu-Mures, Romania, 22-23 noembrie, 2009, Section VI, UICS Nr.36;
- [D2] A.Ioanid, R.M.Ciuceanu, "[Simulation of the Growth Process of a Silicium Nanotubes Structure as Biomaterial in the Porosity of Zeolite AFI](#)", Complexity and Intelligence of the Artificial and Natural Complex Systems. Medical Applications of the Complex Systems. Biomedical Computing, CANS 2008, Romanian Academy Bucharest and Petru Maior University, Targu-Mures, Romania, november 8-10, 2008, Section 6, Nr.57. Editura Universitatii "Petru Maior", pp.284-291, ISSN 2065-0426, 2008;
- [D3] R.M.Ciuceanu, "[Proiectarea unor filtre pasive pentru reducerea armonicilor superioare datorate folosirii electronicii de putere](#)", Prima conferinta tehnico-stiintifica a universitatilor din Romania si Republica Moldova, Chisinau, 1997;

F – Contracte

- [F1] Membru, "[Metode noi de analiza a circuitelor in domeniul timpului si in domeniul frecventei](#)", CNCSIS IDEI_2197 (ctr. nr.656/2009), 2009-2011;
- [F2] Membru, "[Tehnici de inalta performanta in proiectarea asistata de calculator a circuitelor analogice](#)" CNCSIS 2002 contract tip A cod 354/468/468, 2002-2004;
- [F3] Membru, "[Fenomene electromagnetice in instalatiile de electroliza a aluminiului](#)" CNCSIS 2002, contract tip AA cod 227, 2002
- [F4] Membru, "[Aplicarea metodelor integrale pentru campul magnetic stationar in studiul ecranelor feromagnetice](#)" CNCSIS 2001, contract tip A cod 119, 2001;
- [F5] Membru, "[Analiza calitativa a circuitelor electrice si electronice](#)" CNCSIS 2000 contract tip A cod 1155/107/144, 2000-2002.

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