

MINISTERUL EDUCAȚIEI NAȚIONALE


UNIVERSITATEA TEHNICĂ
 DIN CLUJ-NAPOCA

LISTA DE LUCRĂRI

A1. CĂRȚI/ CAPITOLE CĂRȚI		
TITLU	AUTORI	EDITURA – LINK SITE / AN APARITIE
[A1.1.1] Recurrent Neural Networks and Soft Computing, Ch. 12: Artificial Intelligence Techniques Applied to Electromagnetic Interference Problems between Power Lines and Metal Pipelines (capitol carte)	Dan D. Micu , Christoforidis G.C., Czumbil L.	http://www.intechopen.com/books/recurrent-neural-networks-and-soft-computing/artificial-intelligence-techniques-applied-in-electromagnetic-interference-problems-between-hv-power Ed. Intech, 2012, ISBN: 978-953-51-0409-4
[A1.1.2] Metode Numerice. Lucrări Practice	Dan D. Micu , Ceclan A., Czumbil L., Csala D.	Ed. Mediamira, 2010 ISBN: 978-973-713-278-9
[A1.1.3] Metode numerice in ingineria electrica	Dan D. Micu , A. Ceclan	Ed. Mediamira ISBN 978-973-713-140-9
[A1.1.4] Impactul câmpurilor electromagnetice de natură antropică asupra ecosistemelor, Coord. H. Gavrilă și C. Popescu. Cap. 3 Studiul compatibilității electromagnetice în sisteme industriale	Dan D. Micu , E. Simion, L. Cret, I. Lingvay, Carmen Lingvay	Ed. PRINTECH, ISBN 978-973-718-912-7, București 2007
[A1.1.5] Modelarea și predicția fenomenelor de interferență electromagnetică	Dan D. Micu , I. Lingvay, E. Simion	Ed.ELECTRA, ISBN 978-973-77728-73-9, 2006
[A1.1.6] Teoria circuitelor electrice	Dan D. Micu , L. Creț, D. Duma	Ed. UTPres, Cluj, ISBN 973-662-184-7, 2005
[A1.1.7] Metode numerice in interferențe electromagnetice	Dan D. Micu	Ed. Mediamira, Cluj-N, ISBN 973-713-032-4, 2004
[A1.1.8] Aplicații ale metodelor numerice în electrotehnica	Dan D. Micu , A. Cziker	Ed. CCS, Cluj, ISBN 973-686-317-4, 2002
[A1.1.9] Aplicații de management al calitatii energiei electrice	M. Chindris, A. Cziker, Dan D. Micu	Ed. Mediamira, Cluj, ISBN 973-9358-14-4, 2000

A2.1. ARTICOLE ÎN EXTENSO ÎN REVISTE COTATE ȘI ÎN VOLUME PROCEEDINGS INDEXATE ISI THOMSON REUTERS			
TITLU	AUTORI	REVISTA	LINK SITE WEB OF SCIENCE (OBLIGATORIU)
[A2.1.1] AC Interference on Pipelines due to Double Circuit Power Lines: A detailed study	Dan D. Micu Christoforidis G.C., Czumbil L.	Electric Power System Research, ISSN: 0378-7796, Vol. 103, pp. 1-8, 2013.	http://www.sciencedirect.com/science/article/pii/S0378779613001028
[A2.1.2] Electric field computation inside a rectangular petrol tank	Dan D. Micu , Dan Micu	Journal of Electrostatics, ISSN: 0304-3886, Vol. 71, pp. 332-335, 2013.	http://dx.doi.org/10.1016/j.elstat.2012.11.038
[A2.1.3] Lightning Inverse Reconstruction by Remote Sensing and Field Synthesis	Andrei Ceclan, Vasile Țopa, Dan D. Micu , Amedeo Andreotti	IEEE Transactions on Magnetics, ISSN: 0018-9464, Vol. 49, Issue 5, 2013	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=6514494
[A2.1.4] Optimized Design of a Novel Modular Tubular Transverse Flux Reluctance Machine	Popa D.; Dan D. Micu ; Miron, O., Szabo L	IEEE Transactions on Magnetics, Volume: 49, Issue: 11, Pages: 5533-5542, 2013	http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6542742
[A2.1.5] Improved framework for Monte Carlo numerical evaluations in field interference problems	Ceclan A., Țopa V., Dan D. Micu , Czumbil L., Șimon A. & Creț O	International Journal of Applied Electromagnetics and Mechanics, ISSN: 1383-5416, Vol. 39, No. 1-4, pp. 693-698, 2012	http://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&queryText=Improved+framework+for+Monte+Carlo+numerical+evaluations+in+field+interference+problems
[A2.1.6] Assessment of the electric field induced in the human tissue during magnetic stimulation of the spinal cord	L. Darabant, Mihaela Cretu, Radu V. Ciupa Dan D. Micu , D. Stet	COMPEL: The Int. Journal for Comp. and Mathematics in Electrical and Electronic Eng., ISSN: 0332-1649, Vol. 31, No. 4, pp. 1164 – 1172	http://www.emeraldinsight.com/journals.htm?issn=0332-1649&volume=31&issue=4&articleid=17047002&show=html
[A2.1.7] Evaluation of Induced AC Voltages in Underground Metallic Pipeline	Dan D. Micu , Czumbil L., Christoforidis G.C., Ceclan A., Șteț D.	COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, ISSN: 0332-1649, Vol. 31, No. 4, pp.1133-1143., 2012.	http://www.emeraldinsight.com/journals.htm?issn=0332-1649&volume=31&issue=4&articleid=17046999&show=html

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TITLU	AUTORI	REVISTA	LINK SITE WEB OF SCIENCE (OBLIGATORIU)
[A2.1.8] Simulation of Interferences between Power Lines and Gas Pipelines in Unbalanced Phase Currents State	Șteț D., Dan D. Micu , Czumbil L., Dărăbant L., Ceclan A.	COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, ISSN: 0332-1649, Vol. 31, No. 4, pp. 1718-1189., 2012.	http://www.emeraldinsight.com/journals.htm?issn=0332-1649&volume=31&issue=4&articleid=17047004&show=html
[A2.1.9] Neural Networks Applied in Electromagnetic Interference Problems	Dan D. Micu , Czumbil L., Christoforidis G.C., Simion E.	Revue Roumain des Sciences Techniques, Serie Electrotechnique et Energetique, ISSN: 0035-4066, Vol. 57, No. 2, pp.162-171, 2012.	http://revue.elth.pub.ro/index.php?action=main&year=2012&issue=2
[A2.1.10] Identification of an equivalent model for the permanent magnets of a magnetron sputtering device	Daniele Desideri, Alvisio Maschio, Dan D. Micu , Olivia Ramona Miron	COMPEL: The International Journal for Computation and Mathematics in Electrical and Electronic Engineering, Vol. 31, No. 2, pp.514 – 527, 2012.	http://www.emeraldinsight.com/journals.htm?articleid=17019320
[A2.1.11] Layer Recurrent Neural Network Solution for an Electromagnetic Interference Problem	Dan D. Micu , Czumbil L., Christoforidis G.C., Ceclan A.	IEEE Transaction on Magnetics, ISSN: 0018-9464, Vol. 47, No. 5, pp. 1410-1413., May, 2011.	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=5481648
[A2.1.12] Study of the factors that influence the effective permittivity of the dielectric mixtures	Creț R., Dărăbant L., Dan D. Micu ., Turcu A., Șteț D.	Revue Roumaine des Sciences Techniques serie Electrotechnique,ISSN: 0035-4066, Vol. 56, No. 1, pg. 69-78, 2011.	http://revue.elth.pub.ro/index.php?action=main&year=2011&issue=1

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TITLU	AUTORI	REVISTA	LINK SITE WEB OF SCIENCE (OBLIGATORIU)
[A2.1.13] Design Of Efficient Magnetic Coils For Repetitive Stimulation	Radu Ciupa, Laura Darabant, Octavian Cret, Dan D. Micu	Revue Roumaine des Sciences Techniques serie Electrotechnique, ISSN: 0035-4066, Vol. 55, No.3, pp. 251-260, 2010.	http://revue.elth.pub.ro/index.php?action=main&year=2010&issue=3
[A2.1.14] Numerical evaluation of induced voltages in the metallic underground pipelines	Dan D. Micu , I. Lingvay, C. Lingvay, L. Darabant, A. Ceclan	Revue Roumaine des Sciences Techniques serie Électrotechnique et Énergetique, ISSN: 0035-4066, Vol. 54, No. 2, pp.175-184,	http://revue.elth.pub.ro/index.php?action=main&year=2009&issue=2
[A2.1.15] Original Approaches for Solving Electromagnetic Interference Problems	Dan D. Micu , Radu Munteanu jr., Georgios Christoforidis, B. Manea	Advances in Electrical and Computer Engineering, ISSN: 1582-7445, No. 2-2009, pp. 82-90, 2009.	http://www.scipio.ro/web/guest/article-display?articleId=28
[A2.1.16] Energy Efficient Coils for Magnetic Stimulation of Peripheral Nerves	Dărăbant L., Plesa M., Dan D. Micu , Șteț D., Ciupa R, Dărăbant A.	IEEE Transactions on Magnetics, ISSN: 0018-9464, Vol. 45, No. 3, pp. 1690-1693, 2009.	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=4787387&queryText=%3DEnergy+Efficient+Coils+for+Magnetic+Stimulation+of+Peripheral+Nerves
[A2.1.17] The effect of electromagnetic fields on baker's yeast population dynamics, biocatalytic activity and selectivity	D. Sandu, Dan D. Micu , C. Popescu	Studia Universitatis Chemia, ISSN: 1224-7154, LIV, 4, tom II, pp.195-201, 2009.	http://www.studia.ubbcluj.ro/arhiva/abstract.php?editie=CHEMIA&nr=4(II)&an=2009&id_art=7293
[A2.1.18] Synthesis Method of an Inductive Sensor using Tikhonov Regularization	Dan D. Micu , A. Ceclan	International Journal of Applied Electromagnetics and Mechanics, Volume 26, IOS Press, ISSN 1383-5416, pp. 243-251, 2007.	http://iospress.metapress.com/content/k45804r7r63k46p3/

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TITLU	AUTORI	REVISTA	LINK SITE WEB OF SCIENCE (OBLIGATORIU)
[A2.1.19] Equivalent Model of a Magnetron Sputtering Device with Ferromagnetic Yoke	Daniele Desideri, Alvise Maschio, Dan D. Micu , Olivia Miron	Przeegląd Elektrotechniczny (Electrical Review), ISSN: 0033-2097, Vol. 88, No.B, 2012.	http://www.sigma-not.pl/publikacja-69301-equivalent-model-of-a-magnetron-sputtering-device-with-ferromagnetic-yoke-przeblad-elektrotechniczny-2012-7b.html
[A2.1.20] Critical voltage proximity index investigation for transmission systems	A. Polycarpou, H. Nouri, Dan D. Micu	Transaction on PTD, Global Journal of Technology and Optimization, ISSN: 2229-8711, Vol. 3, pp. 107-114, 2012.	http://eprints.uwe.ac.uk/18303/
[A2.1.21] Corosion Evaluation and Mitigation on Metallic Pipelines	Șteț D., Czumbil L., Dan D. Micu , Miron O.,	The 2012 International Conference and Exposition on Electrical and Power Engineering, ISBN: 978-1-4673-1173-1, Iași, Romania, October 25-27, 2012 (EPE 2012)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6463875&queryText%3DCorosion+Evaluation+and+Mitigation+on+on+Metallic+Pipelines
[A2.1.22] Return Stroke Current Remote Sensing, Based on Solving an Inverse ill-posed Problem	Ceclan Andrei, Vasile Țopa, Dan D. Micu , Amedeo Andreotti	The 2012 International Conference and Exposition on Electrical and Power Engineering, ISBN: 978-1-4673-1173-1, pp. 717-722, Iași, Romania, October 25-27, 2012. (EPE 2012)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6463846&queryText%3DReturn+Stroke+Current+Remote+Sensing%2C+Based+on+Solving+an+Inverse+ill-posed+Problem
[A2.1.23] Cloud Computing and its application to blended learning in engineering	Cosmin Porumb, Bogdan Orza, Dan D. Micu , Sanda Porumb	8th International Conference eLearning and Software for Education, , Bucharest, April 26-27, pp. 253-258, 2012 (eLSE 2012)	http://proceedings.elseconference.com/index.php?r=site/index&year=2012&index=papers&vol=2&paper=13ecbd62a490e4e039f80452590cf478

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TITLU	AUTORI	REVISTA	LINK SITE WEB OF SCIENCE (OBLIGATORIU)
[A2.1.24] Collaborative Learning Concept for Lifelong Learning	Cosmin Porumb, Sanda Porumb, Dan D. Micu , Bogdan Orza	8th International Conference eLearning and Software for Education, , Bucharest, April 26-27, pp. 518-524 2012 (eLSE 2012)	http://proceedings.elseconference.com/index.php?r=site/index&year=2012&index=papers&vol=2&paper=2a3646aa007370c346b34e9c940ea0b5
[A2.1.25] Artificial Intelligence Techniques Applied to Electromagnetic Interference Problems	Czumbil L., Dan D. Micu , Ceclan A.	International Conference on Advancements of Medicine and Health Care Throught Technology, IFMB Proceedings, ISSN: 1680-0737, Vol. 26, pp.339-344., Sep. 23-26, 2009. (MEDITECH 2009)	http://link.springer.com/chapter/10.1007%2F978-3-642-04292-8_75
[A2.1.26] Analytical and Numerical Development of the Electromagnetic Interference Between a High-Voltage Power Line and a Metallic Underground Pipeline	Dan D. Micu , Ceclan A., Dărăbant L., Stet D.	6th International Symposium on Advanced Electromechanical Motion Systems, July 1-3, 2009, Lille, France, ISBN: 978-2-915913-25-5 (ELECTROMOTION 2009)	http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5259090
[A2.1.27] The Electromagnetic Threat in the Today's Environment	Mircea Buzdugan, Dan D. Micu , Emil Simion, Andrei Ceclan and L. Cîmpan	International Conference on Advancements of Medicine and Health Care through Technology, Cluj-Napoca, 2009, IFMBE Proceedings 26, pp. 355, ISBN: 978-3-642-04291-1 (MEDITECH 2009)	http://link.springer.com/chapter/10.1007%2F978-3-642-04292-8_78

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TITLU	AUTORI	REVISTA	LINK SITE WEB OF SCIENCE (OBLIGATORIU)
[A2.1.28] Electromagnetic Interferences between HV Power Lines and Metallic Pipelines Evaluated with Neural Network Technique	Dan D. Micu , Czumbil L., Ceclan A., Darabant L., Șteț D., Christoforidis G.C.	10th International Conference on Electrical Power Quality and Utilisation, ISBN: 978-1-4244-5171-5, Lodz, Poland, Sept. 15-17, 2009. (EPQU 2009)	http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=5318842
[A2.1.29] Accurate Methods for Solving Electromagnetic Interference Problems between Power Lines and Underground Metallic Pipelines	Dan D. Micu , Czumbil L., Ceclan A., Darabant L.	44th International Universities Power Engineering Conference ISBN: 978-1-4244-6823-2 (UPEC 2009)	http://ieeexplore.ieee.org/search/searchresult.jsp?newsearch=true&queryText=[A2.1.29]+Accurate+Methods+for+Solving+Electromagnetic+Interference+Problems+between+Power+Lines+and+Underground+Metallic+Pipelines
[A2.1.30] Magnetic Field Synthesis and Parameter Regularization by Fuzzy Inference	Ceclan A., Barbulescu C., Dan D. Micu , Czumbil L.	Conference on Human System Interactions ISBN: 978-1-4244-1542-7, pp. 390-393 (HSI 2008)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=4581470&queryText%3D%5B10%5D%09Magnetic+Field+Synthesis+and+Parameter+Regularization+by+Fuzzy+Inference
[A2.1.31] The choice of regularization parameter by fuzzy inference for magnetic field synthesis	Ceclan A., Barbulescu C., Dan D. Micu , Micu D., Czumbil L.	The 11th International Conference on Optimization of Electrical and Electronic Equipment ISBN: 978-1-4244-1544-1, pp.71-77 (OPTIM 2008)	DOI: 10.1109/OPTIM.2008.4602346
[A2.1.32] Inductive and conductive interference problems for practical cases solved with special interpolation algorithms	Dan D. Micu , Ceclan A., Darabant L., Șteț D.	Proceedings Of The 43rd International Universities Power Engineering Conference ISBN 978-88-89884-09-6 (UPEC 2008)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=4651636

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TITLU	AUTORI	REVISTA	LINK SITE WEB OF SCIENCE (OBLIGATORIU)
[A2.1.33] Numerical Methods for Induced Voltage Evaluation in Electromagnetic Interference Problems	Dan D. Micu , Emil Simion, Dan Micu, Andrei Ceclan	9th International Conference, Electric Power Quality and Utilisation, Barcelona, 9-11 October 2007, ISBN 978-84-690-9441-9 (EPQU 2007)	http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4424091
[A2.1.34] Synthesis Design of Electromagnetic Device for Magnetic Treatment of Textile Bands	Andrei Ceclan, Dan Micu, Dan D. Micu , Lucian Man, Emil Simion	International Aegean Conference on Electrical Machines and Power Electronics & Electromotion Joint Conference, Bodrum Turkey, Sept. 2007, ISBN 978-975-93410-2-2, pp. 236 -240 (ACEMP 2007)	WOS: 000256943100058
[A2.1.35] Power Flow Calculation for Ill-Conditioned Systems. Simplified Newton Method with SVD Partial Regularization	Constantin Bărbulescu, Andrei Ceclan, Ștefan Kilyeni, Dan D. Micu	The International Conference on “Computer as a tool”, Warsaw, September 9-12, pp. 1481 – 1484, ISBN: 1-4244-0813-X. (ICCT 2007)	http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4400667
[A2.1.36] Magnetic coils design for focal stimulation of the nervous system	L. Cret, M. Plesa, Dan D. Micu , R. Ciupa	The International Conference on “Computer as a tool”, Warsaw, September 9-12, pp. 1481 – 1484, pp. 1998-2003, ISBN: 1-4244-0813-X. (ICCT 2007)	http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=4400661

A2.2. ARTICOLE ÎN REVISTE ȘI ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE INDEXATE ÎN BAZE DE DATE INTERNAȚIONALE			
TITLU	AUTORI	REVISTA / PROCEEDINGS	LINK SITE BDI
[A2.2.1] HVPL Conductor Sag Influence on Induced Voltage Evaluation in Nearby Metallic Structures	Czumbil L., Dan D. Micu , Șteț D., Christoforidis G.C., Ancăș L.	48th International Universities' Power Engineering Conference, ISBN: 978-1-4799-3254-2, Dublin, Ireland, September 2-5, 2013 (UPEC 2013)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=671494 <u>5</u>
[A2.2.2] Interference Analysis from Medium-Voltage Cables of Photovoltaic Plants to Metallic Pipelines	Christoforidis G.C., Dan D. Micu , Papadopoulos T.A., Czumbil L., Parisses C.C.	48th International Universities' Power Engineering Conference, ISBN: 978-1-4799-3254-2, Dublin, Ireland, September 2-5, 2013 (UPEC 2013)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=671500 <u>2</u>
[A2.2.3] Operating mode prediction of a microwave heating system using artificial intelligence techniques	Czumbil L., Dan D. Micu , Hathazi F.I.	8th International Symposium on Advanced Topics in Electrical Engineering, ISBN: 978-1-4673-5979-5, Bucharest, Romania, May 23-25, 2013. (ATEE 2013)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=656345 <u>5</u>
[A2.2.4] The synthesis of electroparametric circuits	A. Micu, D. Micu, Dan D. Micu , L. Chira	IEEE-TTTC International conference on Automation, Quality and Testing, Robotics, AQTR, Cluj-Napoca, Romania, may 25-28, 2006, pp. 252-254, ISBN 1-4244-0360-X. (AQTR 2006)	http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4022858
[A2.2.5] Regularization of ill-posed return stroke current identification problem	Ceclan Andrei, Vasile Țopa, Amedeo Andreotti and Dan D. Micu	31th International Conference on Lightning protection Vienna, Austria, Digital Object Identifier: 10.1109/ICLP.2012.6344382 (ICLP 2012)	http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6344382

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TITLU	AUTORI	REVISTA / PROCEEDINGS	LINK SITE BDI
[A2.2.6] Induced Voltage and Current Computation for Different HVPL Operating Conditions	Czumbil L., Șteț D., Dan D. Micu , Țopa V., Ancăș L.	International Symposium on Electromagnetic Compatibility, Rome, Italy, September 17-21, 2012 (EMC 2012)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6396842
[A2.2.7] InterfStud Electromagnetic Interference Software - An Accurate Evaluation of Current Distribution in Soil and in Underground Pipelines	Dan D. Micu , Czumbil L., Prsa M., Kasas-Lazetic K.	International Symposium on Electromagnetic Compatibility, Rome, Italy, September 17-21, 2012 (EMC 2012)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6396894
[A2.2.8] Stream Gas Pipeline in Proximity of High Voltage Power Lines. Part I - Soil Resistivity Evaluation	Șteț D., Czumbil L., Dan D. Micu , Țopa V., Ancăș L.	47th International Universities' Power Engineering Conference, London, September 4-7, 2012. (UPEC 2012)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6398444
[A2.2.9] Modeling and Mitigation Techniques of the Magnetic Integrated Structures Parasitic Capacitance	Adina Racasan, Calin Munteanu, Vasile Topa, Dan D. Micu	47th International Universities' Power Engineering Conference, London, September 4-7, 2012. (UPEC 2012)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6398555&queryText%3D%5B9%5D%09Modeling+and+Mitigation+Techniques+of+the+Magnetic+
[A2.2.10] Stream Gas Pipeline in Proximity of High Voltage Power Lines. Part II - Induced Voltage Evaluation	Czumbil L., Șteț D., Dan D. Micu , Țopa V., Ancăș L.	47th International Universities' Power Engineering Conference, London, September 4-7, 2012. (UPEC 2012)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6398445
[A2.2.11] Semi-infinite Integral Implementation in the Development Steps of <i>InterfStud</i> Electromagnetic Interference	Dan D. Micu , Czumbil L., Christoforidis G.C.	47th International Universities' Power Engineering Conference, London, September 4-7, 2012. (UPEC 2012)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6398640

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TITLU	AUTORI	REVISTA / PROCEEDINGS	LINK SITE BDI
[A2.2.12] Stability Study Comparison of a MNA Matrix system in PEEC method	Miron O., Dan D. Micu , Czumbil L.	47th International Universities' Power Engineering Conference, London, September 4-7, 2012. (UPEC 2012)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6398682
[A2.2.13] A User-Friendly Software Application for Induced A.C. Interference Evaluation	Czumbil L., Christoforidis G.C., Dan D. Micu , Șteț D., Ceclan A., Pop O.	46th International Universities' Power Engineering Conference, (UPEC), ISBN: 978-3-8007-3402-3, Soest, Germany, September 5-8, 2011 (UPEC 2011)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6125574
[A2.2.14] Numerical Analysis of a New Experimental Set-up for Measurements of Shielding Effectiveness	Olivia Miron, Dan D. Micu , P. Alotto, D. Desideri, A. Maschio	46th International Universities' Power Engineering Conference, (UPEC), ISBN: 978-3-8007-3402-3, Soest, Germany, September 5-8, 2011 (UPEC 2011)	http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6125587
[A2.2.15] Right of Way - Buried Metallic Pipelines HV-Power Lines. Mitigation Techniques	Liviu Ancas, Dan D. Micu , V. Topa	46th International Universities' Power Engineering Conference, (UPEC), ISBN: 978-3-8007-3402-3, Soest, Germany, September 5-8, 2011 (UPEC 2011)	http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6125646
[A2.2.16] Numerical tools for lightning return stroke current reconstruction by electromagnetic inverse problem formulation	Ceclan A., Topa V., Dan D. Micu , Miron O., Czumbil L.	International Conference on Clean Electrical Power, (ICCEP), ISBN: 978-1-4244-8929-9, pp. 239-298, Ischia, Italy, June 11-13, 2011 (ICCEP 2011)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6036299
[A2.2.17] User Friendly EMI Software for Induced A.C. Potential Evaluation	Czumbil L., Dan D. Micu , Christoforidis G.C., Ceclan A., Miron O.	8th International Conference on Computation in Electromagnetics, (CEM), ISBN: 978-1-84919-468-6, Wroclaw, Poland, April 11-14, 2011. (CEM 2011)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6085476

A2.2. ARTICOLE ÎN REVISTE ȘI ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE INDEXATE ÎN BAZE DE DATE INTERNAȚIONALE			
TITLU	AUTORI	REVISTA / PROCEEDINGS	LINK SITE BDI
[A2.2.18] On an inverse electromagnetic procedure for frequency and spatial reconstruction of the lightning return stroke current	Ceclan A., Țopa V., Dan D. Micu , Czumbil L.	8th International Conference on Computation in Electromagnetics, (CEM), ISBN: 978-1-84919-468-6, Wroclaw, Poland, April 11-14, 2011. (CEM 2011)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6085475
[A2.2.19] Estimation of an equivalent short solenoid model using different numerical methods	Miron O., Desideri D., Dan D. Micu , Maschio A., Ceclan A., Czumbil L.	8th International Conference on Computation in Electromagnetics, (CEM), ISBN: 978-1-84919-468-6, Wroclaw, Poland, April 11-14, 2011. (CEM 2011)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=6085446
[A2.2.20] Analysis of Electromagnetic Interference problems proposed to be through an innovative Monte Carlo – Neural Network method	Dan D. Micu , Czumbil L., Polycarpou A., Ceclan A., Cîmpan L.	7th Mediterranean Conference and Exhibition on Power Generation, Transmission, Distribution and Energy Conversion, ISBN: 978-184919319-1, Agia Napa, Cyprus, November 7-10, 2010. (MEDPOWER 2010)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=5716017
[A2.2.21] Fuzzy Logic - Genetic Algorithm Method to Evaluate the Magnetic Vector Potential	Czumbil L., Dan D. Micu , Ceclan A., Ștef D., Micu D.O.	12th WSEAS International Conference on Mathematical Methods and Computational Techniques in Electrical Engineering, ISSN: 1792-5967, pp.128-133., Timișoara, Romania, October 21-23, 2010. (MMACTEE 2010)	http://www.scopus.com/record/display.url?eid=2-s2.0-79958713385&origin=resultslist&sort=plf-f&src=s&st1=czumbil&sid=C463CDB1DF4E1F562234A0406438EFF9.53bsOu7mi7A1NSY7fPJf1
[A2.2.22] Proposed Monte Carlo – Neural Network method for solving Electromagnetic Interference problems	Dan D. Micu , Czumbil L., Christoforidis G.C., Ceclan A.	45th International Universities' Power Engineering Conference, ISBN: 978-1-4244-7667-1, Cardiff, Wales, August 31 – September 3, 2010 (UPEC 2010)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=5648871

A2.2. ARTICOLE ÎN REVISTE ȘI ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE INDEXATE ÎN BAZE DE DATE INTERNAȚIONALE			
TITLU	AUTORI	REVISTA / PROCEEDINGS	LINK SITE BDI
[A2.2.23] Lightning Return Stroke Current spatial reconstruction via Inverse Regularization	Ceclan A., Dan D. Micu , Czumbil L.	45th International Universities' Power Engineering Conference, 978-1-4244-7667-1, Cardiff, Wales, August 31 – September 3, 2010 (UPEC 2010)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=5648859
[A2.2.24] On a Return Stroke Lightning identification procedure by Inverse Formulation and Regularization	Ceclan A., Dan D. Micu , Czumbil L.	14th Biennial IEEE Conference on Electromagnetic Field Computation, (CEFC), ISBN: 978-1-4244-7059-4, Chicago, USA, May 9-12, 2010. (CEFC 2010)	http://ieeexplore.ieee.org/xpl/articleDetails.jsp?tp=&arnumber=5481473
[A2.2.25] Neural network evaluation of electromagnetic interferences between HV power lines and underground metallic pipelines	Dan D. Micu , Czumbil L., Ceclan A., Simion E., Șteț D., Cîmpan L.	Journal of Electrical and Electronics Engineering, ISSN: 1844-6035, Vol. 2, No. 1, pp. 73-78, 2009. (EMES 2009)	http://www.scopus.com/record/display.url?eid=2-s2.0-79959322558&origin=resultslist&sort=plf-f&src=s&st1=czumbil&sid=00D6CECC3348F7DA153CB52CBA D58800.WXhD7YyTQ6A7Pvk9
[A2.2.26] On the implementation of a micro hydropower plant on Gersa river, Bistrita, Romania	A. Mutu, A. Ceclan, S. Pavel, Dan D. Micu , I. Vadan	Journal of Electrical and Electronic Engineering, ISBN: 1841-7221, Vol. 1, No. 1, 2008.	http://electroinf.uoradea.ro/index.php/jeee.html
[A2.2.27] Software for Industrial Consumers Electrical Energy Tariff optimal Selection	Dan D. Micu , Czumbil L., Ceclan A., Ardelean S.	Journal of Electrical and Electronic Engineering, ISBN: 1841-7221, Vol. 1, No. 1, 2008.	http://electroinf.uoradea.ro/index.php/jeee.html
[A2.2.28] Power factor correction, controlling voltage distortion	Dan D. Micu , A. Pop, A. Ceclan, E. Simion	Journal of Electrical and Electronic Engineering, ISBN: 1841-7221, Vol. 1, No. 1, 2008.	http://electroinf.uoradea.ro/index.php/jeee.html

A2.2. ARTICOLE ÎN REVISTE ȘI ÎN VOLUMELE UNOR MANIFESTĂRI ȘTIINȚIFICE INDEXATE ÎN BAZE DE DATE INTERNAȚIONALE			
TITLU	AUTORI	REVISTA / PROCEEDINGS	LINK SITE BDI
[A2.2.29] Public lighting systems – an energy saving technique and product	Andrei Ceclan, Dan D. Micu , Emil Simion, Radu Donca	International Conference on Clean Electrical Power, Capri, Italy, May 21-23, 2007, ISBN: 1-4244-0631-5	http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=4272454

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TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[1] On Some Mitigation Solutions for an Electromagnetic Interference Problem Analysis in Underground Cables	Czumbil L., Ceclan A., Dan D. Micu , Șteț D., Erchedi M., Hanc S. Martineac C.	Acta Electrotechnica, vol. 54, No. 5, pp. 120-125, ISSN: 1841-3323 (MPS 2013)
[2] Electromagnetic Field Distribution Around High Voltage Power Lines	Dan D. Micu , Czumbil L., Braicu Ș., Hanc S.	17th International Symposium Power Electronics Ee2013 Novi Sad, Serbia, October 30 - November 1, 2013 (Proc. CD) (PES 2013)
[3] Software Application to Evaluate Inductive and Capacitive Couplings	Dan D. Micu , Czumbil L., Christoforidis G.C., Șteț D.	Buletinul AGIR, ISSN: 2247-3548, Vol. XVII, No. 3, pp.117-122., June, 2012
[4] Numerical Techniques Applied in PEEC Method Implementation	Olivia Miron, Dan D. Micu , Daniele Desideri, Alvise Maschio	Buletinul AGIR, ISSN: 2247-3548, Vol. XVII, No. 2, pp. 727-731, June, 2012
[5] Effects of Power Line Conditions on Nearby Gas Pipelines	Șteț D., Dan D. Micu , Czumbil L., Ancăș L.	Buletinul AGIR, ISSN: 2247-3548, Vol. XVII, No. 3, pp. 731-736., June, 2012
[6] Impact Evaluation of Direct Lightning Strike on a Tower	Ceclan A., Țopa V., Dan D. Micu , Czumbil L.	Buletinul AGIR, ISSN: 2247-3548, Vol. XVII, No. 3, pp. 527-532., June, 2012.

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TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[7] Investigation of Electromagnetic Interferences on Metallic Pipelines - Induced Voltage Evaluation and Mitigation Techniques	Șteț D., Czumbil L., Dan D. Micu , Ancăș L.	15th Biennial IEEE Conference on Electromagnetic Field Computation, (CEFC), Oita, Japan, November 11-14, 2012 . (Proc. CD) (CEFC 2012)
[8] Accurate Iterative Algorithm to Evaluate Induced Current Densities and Earth Impedances of Overhead and Buried Conductors in Electromagnetic Interference Problems	Dan D. Micu , Christoforidis G.C., Papadopoulos T.A., Czumbil L., Șteț D.	15th Biennial IEEE Conference on Electromagnetic Field Computation, (CEFC), Oita, Japan, November 11-14, 2012 . (Proc. CD) (CEFC 2012)
[9] On a New Procedure of Lightning Remote Sensing Using Numerical Regularization Tools	Ceclan Andrei, Vasile Țopa, Dan D. Micu , Amedeo Andreotti	Proceedings of the 12th International Workshop on Optimization and Inverse Problems in Electromagnetism, pp. 180 - 182, ISBN 978-94-6197-069-5, 2012 (OIPE 2012)
[10] Analysis and Simulation of a Half Bridge Inverter for Induction Heating Applications	Ovidiu A. Pop, Dan D. Micu , Adrian Taut, Olivia Miron	4th International Conference on Electromagnetic Fields, Health and Environment, Coimbra, Portugal, 26-28 May 2011, ISBN 978-972-8822-22-4 (EHE 2011)
[11] Hybrid Method for Induced AC Voltages Determination	Czumbil L., Dan D. Micu , Christoforidis G.C., Ceclan A. & Șteț D.	Acta Electrotechnica, ISSN: 1841-3323, Vol. 52, No. 5, pp. 116-120, May, 2011 . (MPS 2011)
[12] Analytical Difficulties in the Interfstud Software Development	Dan D. Micu , Christoforidis G.C., Czumbil L.	10th International Conference on Applied Electromagnetics, (PES), ISBN: 978-86-6125-042-2, Nis, Serbia, September 25-29, 2011 . (Proc. CD) (PES 2011)
[13] Electromagnetic Interference Study Based On Professional Software	Șteț D., Simion E., Dan D. Micu , Dărăbant L., Czumbil L., Ceclan A.	6th International Conference on electrical and power engineering, (EPE), Iași, România, October 28-30, 2010 . (Proc. CD) (EPE 2010)

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TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[14] Reconstruction of an Equivalent Magnetostatic Source of a Magnetron Sputtering Device	D. Desideri, O. Miron, A. Maschio, Dan D. Micu	International Conference on Modern Power Systems, Cluj-Napoca, Romania, 18-21 May 2010 (MPS 2010)
[15] On a New Procedure of Harmonic Regularization Applied in Return Stroke Current Identification	Ceclan A., Țopa V., Dan D. Micu , Czumbil L., Șteț D.	6th International Conference on electrical and power engineering, (EPE), Iași, România, October 28-30, 2010 . (Proc. CD) (EPE 2010)
[16] Induced a.c. Potential Evaluation Based on a Hybrid Method	Czumbil L., Dan D. Micu , Ceclan A., Simion E., Șteț D.	6th International Conference on electrical and power engineering, (EPE), Iași, România, October 28-30, 2010 . (Proc. CD) (EPE 2010)
[17] Some electromagnetic biocompatibility issues on human exposure to electromagnetic fields	Mircea Buzdugan, Dan D. Micu , M. Munteanu, E. Simion, L. Cimpan	6th International Conference on electromagnetic compatibility and engineering in medicine and biology, Iasi, Romania, 28-30 oct. 2010, (Proc. CD) (EPE -EMC 2010)
[18] Nonlinear Model for Corrosion of Metallic Pipeline Subjected to Alternating Voltage (AV)	Șteț D., Dan D. Micu , Ceclan A., Czumbil L., Fărcaș C., Darabant L., Creț R.	Joint MMDE- IEEE ROMSC International Conference 2010
[19] Artificial Intelligence Techniques Applied in Electromagnetic Interference Problems	Dan D. Micu , Czumbil L., Ceclan A., Cîmpan L., Dărăbant L., Șteț D.	International Conference on Electromagnetic Fields, Health and Environment, Sao Paulo, Brazil, 2-5 November, 2009. (Proc. CD) (EHE 2009)
[20] The Study Of Electromagnetic Interferences Between HV Power Lines And Buried Structures Using CDEGS	Șteț D., Dan D. Micu , Simion E., Darabant L., Ceclan L., Czumbil L.	2nd International Conference on Modern Power Systems, MPS 2008, Cluj-Napoca, 12-14 Nov., Acta Electrotehnica Special Issue, pp. 333-337, ISSN 1841-3323. (MPS 2008)

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TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[21] Numerical Monte Carlo Formulation of an Electromagnetic Interference Problem	Ceclan A., Dan D. Micu , Simion E., Czumbil L., Mutu A., Boca C.	2nd International Conference on Modern Power Systems, MPS, Acta Electrotehnica Special Issue, ISSN: 1841-3323, pp. 273-277, Cluj-Napoca, România, November 12-14, 2008 . (MPS 2008)
[22] On an Energy Efficiency Strategy for Romanian Water Companies	Ceclan A., Dan D. Micu , Simion E., Czumbil L., Mutu A., Boca C.	2nd International Conference on Modern Power Systems, MPS, Acta Electrotehnica Special Issue, ISSN: 1841-3323, pp. 273-277, Cluj-Napoca, România, November 12-14, 2008 . (MPS 2008)
[23] On A Monte Carlo Approach Of Interference Problems	Ceclan A., Dan D. Micu , Czumbil L., Micu D.O., Simion E.	Buletinul Institutului Politehnic din Iași Secția: Electrotehnică, Energetică, Electronică, ISSN: 1223-8139, Vol. LIV, No. 3, pp. 251-257, 2008. (EPE 2008)
[24] On Some Measurements of Energy Quality in The National Electrical Power Grid - Part I	Szombatfalvi-Torok F., Simion E., Ceclan A., Dan D. Micu , Czumbil L.	Buletinul Institutului Politehnic din Iași Secția: Electrotehnică, Energetică, Electronică, ISSN: 1223-8139, Vol. LIV, No. 3, pp. 193-199, 2008 . (EPE 2008)
[25] On Some Measurements of Energy Quality in The National Electrical Power Grid - Part II	Szombatfalvi-Torok F., Simion E., Ceclan A., Dan D. Micu , Șteț D., Czumbil L.	Buletinul Institutului Politehnic din Iași Secția: Electrotehnică, Energetică, Electronică, ISSN: 1223-8139, Vol. LIV, No. 3, pp. 199-205, 2008. (EPE 2008)
[26] Inductive coupling problems solved with special interpolation methods	Dan D. Micu , Ceclan A., Czumbil L.	10th International Conference on Optimization and Inverse Problems in Electromagnetism, Ilmenau, Germany, September 14-17, 2008 . (Proc. on CD) (OIPE 2008)
[27] Monte Carlo Inverse Formulation of an Electromagnetic Interference Problem	Ceclan A., Micu D.O., Czumbil L., Dan D. Micu	10th International Conference on Optimization and Inverse Problems in Electromagnetism, Ilmenau, Germany, September 14-17, 2008 . (Proc. on CD) (OIPE 2008)

ARTICOLE ÎN EXTENSO ÎN REVISTE COTATE B+ ȘI ÎN VOLUME PROCEEDINGS NEINDEXATE		
TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[28] Regularization of ill conditioned spline interpolation method applied in electromagnetic interference problems	Dan D. Micu , Ceclan A., Czumbil L., Simion E.	13th Biennial IEEE Conference on Electromagnetic Field Computation, (CEFC 2008)
[29] A New Approach of Interference Problems via Monte Carlo Inverse Simulation	Dan D. Micu , Ceclan A., Czumbil L., Șteț D., Simion E.	7 rd International Conference Study and control of corrosion in the perspective of sustainable development of urban distribution grids, (URBCORR), ISBN: 978-606-521-032-5, pp. 226-230, June 15-27, 2008. (URBCORR 2008)
[30] Interaction between an overhead single conductor and a two-layer earth. Analytical and numerical development	Dan D. Micu , Dan Micu, Andrei Ceclan, Emil Simion	2nd International Conference on Modern Power Systems, MPS 2008, Cluj-Napoca, 12-14 Nov., Acta Electrotehnica Special Issue, pp. 378-382, ISSN 1841-3323 (MPS 2008)
[31] Experimental study of the power factor compensation converter	F. Szombatfalvi-Torok, Emil Simion, Dan D. Micu , Denisa Stet, Laura Darabant, Mihaela Plesa	9th International Conference on Applied and Theoretical Electricity ICATE 2008, Analele Universității din Craiova, 9-11 oct. 2008, pp. 289-293, ISBN 1842-4805, 2008 (ICATE 2008)
[32] The study of the electromagnetic interferences between HV lines and metallic pipelines using a professional analysis software	Denisa Stet, Dan D. Micu , A. Ceclan, Laura Darabant, Mihaela Plesa	2nd International Conference on Modern Power Systems, MPS 2008, Cluj-Napoca, 12-14 Nov., Acta Electrotehnica Special Issue, pp. 333-337, ISSN 1841-3323 (MPS 2008)
[33] Overview of methods and models regarding the electromagnetic field exposure near HV lines	B. Manea, Dan D. Micu , R. Munteanu jr., D. Popovici, O. Popovici	2nd International Conference on Modern Power Systems, MPS 2008, Cluj-Napoca, 12-14 Nov., Acta Electrotehnica Special Issue, pp. 309-312, ISSN 1841-3323 (MPS 2008)
[34] New software tool designed for stochastic power system analysis	Gh. Vuc, C. Barbulescu, A. Ceclan, Dan D. Micu	2nd International Conference on Modern Power Systems, MPS 2008, Cluj-Napoca, 12-14 Nov., Acta Electrotehnica Special Issue, pp. 191-195, ISSN 1841-3323 (MPS 2008)

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[35] The design optimization for an electrical circuit using the geometrical inversion with parametrical elements	D. Micu, Dan D. Micu , L. Chira	2nd International Conference on Modern Power Systems, MPS 2008, Cluj-Napoca, 12-14 Nov., Acta Electrotehnica Special Issue, pp. 374-378, ISSN 1841-3323 (MPS 2008)
[36] Performante ale circuitelor rau conditionate	Dan Micu, Adriana Micu, Lazar Chira, Dan D. Micu	Symposium of Theoretical Electrical Engineering, SNET'08, 5-7 June 2008, Bucuresti, Romania, pp. 200-205, ISBN 978-606-521-045-5 (SNET 2008)
[37] Energy consideration in magnetic coils design	Radu Ciupa, Laura Darabant, Mihaela Plesa, Octavian Cret, Dan D. Micu	Symposium of Theoretical Electrical Engineering, SNET'08, 5-7 June 2008, Bucuresti, Romania, pp. 13-18, ISBN 978-606-521-045-5 (SNET 2008)
[38] The study of inductive coupling between HV lines and metallic pipelines using a professional analysis and modeling software	Denisa Stet, Dan D. Micu , Andrei Ceclan, Laura Darabant	7rd International Conference Study and control of corrosion in the perspective of sustainable development of urban distribution grids, 15-27 June, 2008, pp. 260-265, ISBN 978-606-521-032-5 (URBCORR 2008)
[39] Numerical methods applied in electromagntic interference problems	Dan D. Micu , Carmen Lingvay, Emil Simion, Iosif Lingvay	7rd International Conference Study and control of corrosion in the perspective of sustainable development of urban distribution grids, 15-27 June, 2008, pp. 196-203, ISBN 978-606-521-032-5 (URBCORR 2008)
[40] Contributions to study of concrete steel structures corrosion in electromagnetically polluted media (due to induced a.c. currents)	C. Lingvay, I. Lingvay, Dan D. Micu	International Conference on Corrosion and Modern Technologies in the Military - ICCMTM 2008 - November 5 - 8, 2008, Bucharest, Romania, p.55-59 (ICCMTM 2008)
[41] Calculation of Electromagnetic Intyference of Metallic Structures	Dan D. Micu , I. Csuzi, I. Lingvay	International Conference on Energetics-Electrical Engineering and Computer Science” – IX ENELKO + XVIII SzámOct 2008, ISSN 1842-4546, Șumuleu-Ciuc, october 9-12, 2008, pp. 45-51 (ENELKO 2008)

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TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[42] Numerical interpolation methods applied in electromagnetic interference problems	Dan D. Micu , Andrei Ceclan, Iosif Lingvay, Emil Simion	ICREPQ'08, International Conference on Renewable Energies and Power Quality, Santander (Spain), 12-14 March 2008, ISBN: 978-84-611-9290-8, CD- Paper 283 (ICREPQ 2008)
[43] Acelcsovezetekkek electromagneszes zavarasainak szamitasa	Dan D. Micu , E. Simion, I. Lingvay, C. Lingvay	28th International Conference on Corossion, VEKOR, 15-17 April, 2008, Balatonfured, Hungary, pp. 27-37 (VEKOR 2008)
[44] Numerical procedures applied in electromagnetic interference problems	Dan D. Micu , Denisa Stet, Vlad Pavlovschi, Andrei Ceclan, Francisc Hathazi, Darie Soproni	13th IEEE Conference on Electromagnetic Field Computation, May 11-15 2008, Athens, Greece, CD-PD2-11 (320) (CEFC 2008)
[45] Energy efficient coils for magnetic stimulation of peripheral nerves	Laura Darabant, Mihaela Plesa, Dan D. Micu , Denisa Stet, Radu Ciupa	13th IEEE Conference on Electromagnetic Field Computation, May 11-15 2008, Athens, Greece, CD-PF5-12 (577) (CEFC 2008)
[46] Complex interpolation methods applied in electromagnetic compatibility problems	Dan D. Micu , Iosif Lingvay, Carmen Lingvay, Emil Simion, Andrei Ceclan	Symposium of Theoretical Electrical Engineering, SNET'08, 5-7 June 2008, Bucuresti, Romania, pp. 25-30, ISBN 978-606-521-045-5 (SNET 2008)
[47] Numerical modeling of non-homogenous dielectrics with very different permittivities of the components	Rodica Cret, Mihaela Plesa, E. Simion, Dan D. Micu	International Congress on Advanced Electromagnetic Materials in Microwaves and Optics, METAMATERIALS 2007, Roma, Italia, 22-24 Oct. 2007, pp. 189-192, ISSN 1873-1988 (METAMATERIALS 2007)
[48] Electromagnetic Device Design Synthesis	Andrei Ceclan, Dan D. Micu , Dan Micu, Emil Simion	ICEM-2007, Conferinta Internationala de Electromecanica, Editia a II-a, Petrosani, Romania, 24 – 26 Mai, 2007, ISSN 1454-9166 (ICEM 2007)

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TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[49] Scripts of Power Factor Correction	Ceclan A., Dan D. Micu , Pop A., Czumbil L.	International Conference on Renewable Sources and Environmental Electro-Technologies, ISSN:1223-2106, pp. 141-144, Oradea, România, May 24-26, 2007 (RSEE 2007)
[50] Computation of the induced AC potential on gas pipelines for complex rights-of-way configurations	Dan D. Micu , Iosif Lingvay, Andrei Ceclan, Emil Simion	International conference on advancements of medicine and health care through technology, 27-29 sept. 2007, Acta Electrotehnica, vol. 48, nr. 4, 2007, ISSN 1841-3323, pp. 343-347 (MEDITECH 2007)
[51] Software simulation of the induced density current in metallic structures	L. Man, Dan D. Micu , L. Cret, E. Simion	International conference on advancements of medicine and health care through technology, 27-29 sept. 2007, Acta Electrotehnica, vol. 48, nr. 4, 2007, ISSN 1841-3323, pp. 327-330 (MEDITECH 2007)
[52] Energy efficient coils for magnetic stimulation of peripheral nerves	L. Cret, M. Plesa, R. Ciupa, Dan D. Micu , L. Man	International conference on advancements of medicine and health care through technology, 27-29 sept. 2007, Acta Electrotehnica, vol. 48, nr. 4, 2007, ISSN 1841-3323, pp. 339-342 (MEDITECH 2007)
[53] Numerical method for a Meridian Plane of Symmetry of an Electrostatic Model	Dan Micu, Dan D. Micu , Andrei Ceclan and Emil Simion	6th International Conference on Electromechanical and Power Systems, SIELMEN'07, Chisinau, 2007, ISSN 1582-7194 (SIELMEN 2007)
[54] Power Flow Non-linear System of Equations with SVD Regularization Newton Method	Andrei Ceclan, Constantin Barbulescu, Stefan Kilyeni, Dan Micu, Dan D. Micu ,	6th International Conference on Electromechanical and Power Systems, SIELMEN'07, Chisinau, 2007, ISSN 1582-7194 (SIELMEN 2007)
[55] Numerical interpolation methods in electromagnetic interference problems	Dan D. Micu , Andrei Ceclan, Vlad Pavlovski	The 6th Symposium of Electromagnetic Compatibility SICEM 2007, ISBN 978-973-7838-51-3, Politehnica Press, Bucuresti (SICEM 2007)
[56] Simulation of electromagnetic interferences between AC systems and metallic structures	L. Man, Dan D. Micu	International conference control and Information Technology, IWCIT 2007, 6-7 Sept. 2007, Ostrava, Cehia, ISBN 978-80-248-1567-1 (IWCIT 2007)

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[57] Numerical and Analytical Electromagnetic Device Synthesis Design	L. Man, A. Ceclan, Dan D. Micu	International conference control and Information Technology, IWCIT 2007, 6-7 Sept. 2007, Ostrava, Cehia, ISBN 978-80-248-1567-1 (IWCIT 2007)
[58] Inverse Problem Identification of Electric Field Sources	Emil Simion, Andrei Ceclan, Dan D. Micu , Dan Micu	Proceeding of the International Symposium on Electrical Engineering and Energy Converters, ELS 2007, September 2007, Suceava, Romania, pp. 257 – 263, ISBN: 978-973-666-259-1 (ELS 2007)
[59] Numerical modeling of perturbations produced by a.c. electrical traction system	L. Man, Dan D. Micu , I. Lingvay, E. Simion, L. Cret	6rd International Conference Study and Control of Corrosion in the Perspective of Sustainable Development of Urban Distribution Grids, 20-23 June 2007, Cluj-Napoca, URB-CORR 2007, pp. 35-41, ISBN (13) 978-973-718-756-7 (URBCORR 2007)
[60] 2D Magnetic Field Numerical Synthesis	Andrei Ceclan, Dan D. Micu , Dan Micu	Scientific Bulletin of the „Politehnica” University of Timisoara, Proceedings of the 7th International Power Systems Conference, November 2007, Timisoara, Romania, pp. 135 – 140, ISSN: 1582-7194 (PSC 2007)
[61] Condition Number as an Estimate Tool for Power Systems Small Perturbation Stability	Andrei Ceclan, Stefan Kilyeni, Constantin Barbulescu, Dan D. Micu , Denisa Stet, Laura Darabant	Scientific Bulletin of the „Politehnica” University of Timisoara, Proceedings of the 7th International Power Systems Conference, November 2007, Timisoara, Romania, pp. 141 – 144, ISSN: 1582-7194 (PSC 2007)
[62] On Industrial consumers optimal selection of the electrical energy tariff by software automated solution	Simona Ardelean, Andrei Ceclan, Dan D. Micu , Emil Simion	Scientific Bulletin of the „Politehnica” University of Timisoara, Proceedings of the 7th International Power Systems Conference, November 2007, Timisoara, Romania, pp. 9 – 14, ISSN: 1582-7194 (PSC 2007)
[63] Synthesis identification of electric field sources	Andrei Ceclan, Emil Simion, Dan D. Micu , Dan Micu, Lucian Man	National Symposium of Theoretical Electrical Engineering, SNET’2007, Bucuresti, 12-14 octombrie 2007, pp. 273-278, ISBN 978-973-718-899 (SNET 2007)
[64] A new method for the study of perturbations in electric circuits	D. Micu, Adriana Micu, L. Chira, Dan D. Micu	

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TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[65] Synthesis Identification of Electric Field Sources	A. Ceclan, Dan D. Micu , St. Ungureanu, Angela Lungu, C. Dancan	International Conference on Renewable Sources and Environmental Electro-Technologies RSEE, Oradea, 24-26 May 2007, pp. 73-78, ISSN-1223-2106 (RSEE 2007)
[66] Electromagnetic interferences between ac systems and metallic structures	Dan D. Micu , Lucian Man, Denisa Stet, Andrei Ceclan and Emil Simion	International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering, ISEF'2007, 13-15 September, Prague, Czech Republic, ISBN 978-80-01-03784-3, pp. 402-406 (ISEF 2007)
[67] Regularization method for ill-conditioned linear systems of equations	A. Ceclan, Dan D. Micu , Dan Micu, Lucian Man, Emil Simion	International Symposium on Electromagnetic Fields in Mechatronics, Electrical and Electronic Engineering, ISEF'2007, Prague, ISBN 978-80-01-03784-3, pp. 259 – 264 (ISEF 2007)
[68] Theoretical overview and algorithms for solving interference problems. Overhead Power Lines – Underground Pipelines	Dan D. Micu , E. Simion,	5rd International Conference Study and control of corrosion in the perspective of sustainable development of urban distribution grids, 18-20 May, Tg. Mures, 2006, pp.226-236, ISBN 973-718-481-5. (URBCORR 2006)
[69] An analytic method for the total harmonic distortion improvement	I. Cont, E. Simion, Dan D. Micu	5rd International Conference Study and control of corrosion in the perspective of sustainable development of urban distribution grids, 18-20 May, Tg. Mures, 2006, ISBN 973-718-481-5. (URBCORR 2006)
[70] Aproximate method for magnetic field calculus in the power lines proximity	I. Pop, C. Munteanu, E. Simion, Dan D. Micu	5rd International Conference Study and control of corrosion in the perspective of sustainable development of urban distribution grids, 18-20 May, Tg. Mures, 2006, ISBN 973-718-481-5. (URBCORR 2006)
[71] Considerații privind reducerea armonicilor prin injecție de armonici PWM	I. Cont, E. Simion, Dan D. Micu	a VI-a conferinta internationala Sebes, Ed. Agir, Bucuresti, 2006, pp. 199-205, ISBN 973-8466-67-9

ARTICOLE ÎN EXTENSO ÎN REVISTE COTATE B+ ȘI ÎN VOLUME PROCEEDINGS NEINDEXATE		
TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[72] Stability studies of electrical circuits using Wielandt-Kantorovitch inequality	Dan D. Micu , A. Ceclan, D. Micu, E. Simion, L. Cret	1st International Conference on Modern Power Systems MPS 2006, Nov. 8-11, 2006, pp. 253-257, Acta Electrotehnica, vol. 47, Nr. 4., ISSN 1841-3323 (MPS 2006)
[73] Magnetic coils for localized stimulation of the central nervous system	L. Cret, M. Plesa, Dan D. Micu	1st International Conference on Modern Power Systems MPS 2006, Nov. 8-11, 2006, pp. 225-229, Acta Electrotehnica, vol. 47, Nr. 4., ISSN 1841-3323 (MPS 2006)
[74] Overview on the equivalent circuit method for electrical analysis of biological tissues	A. Nicu, Dan D. Micu , D. Răfiroiu	1st International Conference on Modern Power Systems MPS 2006, Nov. 8-11, 2006, pp. 271-275, Acta Electrotehnica, vol. 47, Nr. 4., ISSN 1841-3323 (MPS 2006)
[75] Energy saving technique and product for public lighting systems	A. Ceclan, Dan D. Micu , R. Rusu, E. Simion	1st International Conference on Modern Power Systems MPS 2006, Nov. 8-11, 2006, pp. 95-101, Acta Electrotehnica, vol. 47, Nr. 4., ISSN 1841-3323 (MPS 2006)
[76] Reactive power source design by geometrical inversion	A. Ceclan, Dan D. Micu , D. Micu, L. Caliap	Acta Electrotehnica, Mediamira, vol. 47, nr.1, pp. 61-64, ISSN 1841-3323, 2006
[77] Design of special coils for focal magnetic stimulation	L. Cret, R. Ciupa, M. Plesa, Dan D. Micu , A. Nicu	International Conference on Biomedical Engineering, Patras, Grecia, 7-9 July, 2006, pp. 140-144 (ICBE 2006)
[78] Solving an electromagnetic field problem using Mathematica and Mathcad softwares	A. Ceclan, C. Munteanu, Dan D. Micu , L. Man	Acta Electrotehnica, Mediamira, vol. 47, nr.1, pp. 55-60, ISSN 1841-3323, 2006
[79] Circuit library in transitory regime	A. Ceclan, C. Baidoc, Dan D. Micu , E. Simion	International Conference on Renewable Sources and Environmental Electro-Technologies RSEE, Oradea, 8-10 June 2006, pp. 15-19, ISSN 1841-7221 (RSEE 2006)

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TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[80] Numerical algorithm for electric circuit solver	Dan D. Micu , A. Ceclan, M. Ruba, E. Simion, D. Micu, I. Cont	International Conference on Renewable Sources and Environmental Electro-Technologies RSEE, Oradea, 8-10 June 2006, pp. 54-58, ISSN 1841-7221 (RSEE 2006)
[81] Numerical methods for approximation of nonlinear characteristics given by magnetic coils	Dan D. Micu , A. Ceclan, E. Simion	International Conference on Scientific Computing in Electrical Engineering, Sinaia, 17-21 Sep., 2006, pp.126-129 ISBN 978-973-718-520-4 (SCEE 2006)
[82] Finite-Difference Time – Domain method used in transient analysis of wave processes	D. Duma, C. Munteanu, Dan D. Micu	International Conference on Scientific Computing in Electrical Engineering, Sinaia, 17-21 Sep., 2006, pp.144-146, ISBN 978-973-718-520-4 (SCEE 2006)
[83] On an object identification via electric potential measurement	A. Ceclan, Dan D. Micu , D. Micu, E. Simion	International Conference on Electrical & Power Engineering, Iași, Oct. 12-14, 2006, pp. 629-635, ISSN 1223-8139 (EPE 2006)
[84] Remarks on the optimal design of coils for magnetic stimulation of nerve fibers	L. Cret, M. Plesa, Dan D. Micu , D. Stet, E. Simion	International Conference on Electrical & Power Engineering, Iași, Oct. 12-14, 2006, pp. 647-653, ISSN 1223-8139 (EPE 2006)
[85] Stability studies for electric circuits exposed to perturbations. Numerical techniques	Dan D. Micu , D. Micu, E. Simion, A. Ceclan	International Conference on Electrical & Power Engineering, Iași, Oct. 12-14, 2006, pp. 725-731, ISSN 1223-8139 (EPE 2006)
[86] Numerical algorithm for the accurate evaluation of the induced voltages in a pipeline	Dan D. Micu , E. Simion, D. Micu, A. Ceclan, L. Cret, D. Duma	6th International Conference on Computational Electromagnetics, Aachen, Germany, April 4-6, 2006, pp. 230-234, ISBN 978-3-8007-2957-9, ISBN 3-8007-2957-1 (CEM 2006)

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TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[87] Analytical curve fitting of nonlinear characteristics and hysteresis	E. Simion, A. Ceclan, Dan D. Micu , L. Cret, D. Duma, L. Man	XIX International Conference on Electromagnetic Phenomena in Nonlinear Circuits, Maribor, Slovenia, June 28-30, 2006, pp. 131-133, ISBN 83-921340-1-X (ICEPNC 2006)
[88] Tikhonov regularization for electric field synthesis	A. Ceclan, Dan D. Micu , D. Micu, E. Simion	5th European Conference on Numerical Methods in Electromagnetism, Lille, France, 29-30 Nov.- 1 Dec. 2006, pp. 175-178 (NUMELEC 2006)
[89] Numerical computation of the induced voltages in a pipeline using special interpolation functions	Dan D. Micu , E. Simion, L. Cret	International Conference on Electrical Machines, Drives and Power Systems, ELMA Sofia, Bulgaria, Sept. 15-16, pp. 327-331, 2005, ISBN 954-902-09-6-7 (ELMA 2005)
[90] Analytical technical curve fitting. Method and implementation	Dan D. Micu , A. Ceclan, E. Simion	International Power Systems Conference, PSC Timisoara, 2005, pp. 345-349, ISBN 1582-7194 (PSC 2005)
[91] Criteria for the Design of Symmetrizing Circuits and Simultaneous Compensation of the Reactive Power in the Three-Phase Networks	L. Man, E. Man, E. Simion, Dan D. Micu , L. Cret, D. Duma	5th International Conference on Electromechanical and Power Systems, octombrie 2005, Chisinau, Rep. Moldova, pp. 996-999, ISBN 973-716-208-0 (SIELMEN 2005)
[92] Mathematical Models used in Bioelectromagnetic Problems	A. Nicu, Dan D. Micu	Acta Electrotehnica, vol. 46, no.4, pp. 218-224, ISSN 1841-3323, 2005
[93] Numerical Method For The Computation Of Currents And Voltages Induced In A Pipeline	Dan D. Micu , E. Simion, D. Micu, L. Cret, D. Duma, L. Man	5th International Conference on Electromechanical and Power Systems, octombrie 2005, Chisinau, Rep. Moldova, pp. 1021-1024, ISBN 973-716-208-0 (SIELMEN 2005)
[94] Design Of Coils For Magnetic Stimulation	Laura Cret, Mihaela Plesa, Dan D. Micu , Denisa DUMA, L. Man, E. Simion	5th International Conference on Electromechanical and Power Systems, octombrie 2005, Chisinau, Rep. Moldova, pp. 1041-1044, ISBN 973-716-208-0 (SIELMEN 2005)

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TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[95] Numerical Modelling Of Electromagnetic Interference Using The FDTD Method	D. Duma, C. Munteanu, Dan D. Micu , L. Cret, E. Simion, L. Man	5th International Conference on Electromechanical and Power Systems, octombrie 2005, Chisinau, Rep. Moldova, pp. 1025-1027, ISBN 973-716-208-0 (SIELMEN 2005)
[96] Analysis of the electric field induced in human tissues by magnetic stimulation	Laura CRET, Mihaela PLESA, Dan D. MICU , Radu CIUPA	International Conference on Engineering of Modern Electric Systems EMES Oradea, 26-28 May 2005, pp. 19-22, ISSN 1223-2106 (EMES 2005)
[97] Generalisation of Boolean algebra applied in electrical circuits	E. Man, Dan D. Micu , L. Man	International Conference on Engineering of Modern Electric Systems EMES Oradea, 26-28 May 2005, pp. 40-43, ISSN 1223-2106 (EMES 2005)
[98] Numerical methods applied in electrotechnical applications	Dan D. Micu , A. Ceclan, E. Simion, L. Cret	International Conference on Engineering of Modern Electric Systems EMES Oradea, 26-28 May 2005, pp. 43-47, ISSN 1223-2106 (EMES 2005)
[99] Contributions to study the perturbations of underground metallic structures with AC signals provided from the overhead power lines	Dan D. Micu , E. Simion, I. Lingvay	4rd International Conference Study and control of corrosion in the perspective of sustainable development of urban distribution grids, 9-11 June Sibiu, pp. 58-67, ISBN 973-718-259-6 (URBCORR 2005)
[100] Remarks on the optimal design of coils for magnetic stimulation	Laura Cret, M. Plesa, R. Ciupa, Dan D. Micu	International Symposium on Interdisciplinary Electromagnetic, Mechanic and Biomedical Problems, ISEM-Bad Gastein, Austria, 12-14 Sept. 2005, pp. 352-354, ISBN 3-902105-00-1 (ISEM 2005)
[101] Optimal Design of Symmetrizing Circuits in the Three-Phase Networks	L. Man, E. Simion, E. Man, Dan D. Micu	3rd International Workshop on Advances in Numerical Computation Methods in Electromagnetism, ANCME'2005, pp. 60-66, ISBN-10973-686-798-6 (ANCME 2005)
[102] Asupra unor proprietati electrice ale dielectricilor neomogeni	R. Cret, Dan D. Micu , D. Mateescu	A IV-a conferinta internationala Sebes, Ed. Agir, Bucuresti, 2004, pp. 199-205, ISBN 973-8466-67-9

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TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[103] An application of Monte Carlo Analysis Method	D. Micu, Dan D. Micu	International Conference on Engineering of Modern Electric Systems EMES, Oradea, may 2004, pp. 49-51, ISSN 1223-2106 (EMES 2004)
[104] Determination of electric field intensity in living organisms. Influence factors	Laura Cret, Dan D. Micu , E. Simion	International Conference on Engineering of Modern Electric Systems EMES, Oradea, may 2004, pg. 16-18, ISSN 1223-2106 (EMES 2004)
[105] Applying the theorems of equivalent generators to electric circuits with controlled power sources	E. Man, V. Neamtu, Dan D. Micu	International Conference on Engineering of Modern Electric Systems EMES, Oradea, may 2004, pg. 139-142, ISSN 1223-2106 (EMES 2004)
[106] Prognoza puterii de varf utilizand logica fuzzy	A. Cziker, M. Chindris, Dan D. Micu , O. Lungu	International Conference on Engineering of Modern Electric Systems EMES, Oradea, mai 2004, pg. 108-112, ISSN 1223-2106 (EMES 2004)
[107] Mathematical model for electric potential distribution inside a capacitor	Dan D. Micu , E. Simion, A. Ceclan, D. Micu, A. Cziker, L. Cret	International Conference on Engineering of Modern Electric Systems EMES, Oradea, may 2004, pg. 51-54, ISSN 1223-2106 (EMES 2004)
[108] Influence of AC transmission lines on underground pipelines	Dan D. Micu , M. Chindris, A. Cziker	3rd International Conference Study and control of corrosion in the perspective of sustainable development of urban distribution grids, 1-3 July 2004, pp. 148-152, ISBN 973-718-026-7 (URBCORR 2004)
[109] Reconfigurarea rețelelor electrice de distribuție utilizând algoritmi genetici	Cziker, M. Chindris, Dan D. Micu , C. Guriță	Simpozion International de Sisteme de inteligenta artificiala in electroenergetica, SIE, Galați, 29-30 Sept. 2004, pag. 91-96 (SIE 2004)
[110] Distributed source approach for evaluation of the induced voltages in an underground pipeline	Dan D. Micu , E. Simion, L.Cret	International Conference on Applied and Theoretical Electricity, ICATE, Craiova, 14-15 Oct. 2004, pp. 26-29, ISBN 973-8043-554-4 (ICATE 2004)
[111] Numerical computation of the electric field induced in human tissues during magnetic stimulation	L.Cret, Dan D. Micu , E.Simion	International Conf. on Applied and Theoretical Electricity, ICATE–Craiova, 14-15 Oct. 2004, pp. 22-25, ISBN 973-8043-554-4 (ICATE 2004)

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TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[112] Consideratii privind pierderile de putere in retelele de distributie in condiții reale de exploatare	Cziker, M. Chindris, Dan D. Micu	Simpozion International de Sisteme de inteligenta artificiala in electroenergetica, SIE Cluj-Napoca, 18-20 Oct. 2004, pag. 230-236 (SIE 2004)
[113] Finite difference method for the calculation of the induced voltage in an underground pipeline	Dan D. Micu , D. Micu	International Conference on Engineering of Modern Electric Systems EMES Oradea, May 29-31 2003, pp. 71-77, ISSN 1223-2106 (EMES 2003)
[114] Fast Fourier Transform alghorithm for signal spectrum phase and amplitude calculation	Dan D. Micu , E. Simion, A. Micu, D. Lohan, L. Creț, D. Duma	International Conference on Engineering of Modern Electric Systems EMES Oradea, May 29-31 2003, pp. 71-77, ISSN 1223-2106 (EMES 2003)
[115] Mathematical models for magnetic nerve simulation	L. Creț, R. Ciupa, Dan D. Micu	The 2rd International Workshop on Advances in Numerical Computation Methods in Electromagnetism ANCME Gent, Belgia, 2003, pp. 156-163, ISBN 973-686-460-X (ANCME 2003)
[116] Numerical model for the calculation of the induced voltage in an underground pipeline	Dan D. Micu , D. Micu	The 2rd International Workshop on Advances in Numerical Computation Methods in Electromagnetism ANCME Gent, Belgia, 2003, pp. 179-191, ISBN 973-686-460-X (ANCME 2003)
[117] Mathematical model for experimental calculus of induced voltage in a pipeline	Dan D. Micu , D. Micu	International Conference on Modelling and Optimization in the Machines Building Field, MOCM - 9 University of Bacău 2003, pp. 168-173, ISSN1224-7480 (MOCM 2003)
[118] Starting Diagram for Single Phase Motor (II)	V. Iancu, N. Maghiar, Dan D. Micu	8'th International Conference on Engineering of Modern Electric Systems EMES Oradea, May 2001, pp. 470-482, ISSN-1223-2106 (EMES 2001)
[119] Forced Commutation in a DC Motor as a EMI Source	Dan D. Micu , A. Micu, F. Drăgan	8'th International Conference on Engineering of Modern Electric Systems EMES Oradea, May 2001, pp. 407-412, ISSN-1223-2106 (EMES 2001)

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TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[120] Analytical expression of induced current density using the CGRP theory	Dan D. Micu , E. Simion, L. Creț, V. Lohan	International Conference on Electrical & Power Engineering, November, 2002, Iași. Buletinul Institutului Politehnic din Iasi, Tomul XLVIII (LII), Fasc. 5, pp. 97-102, ISSN 0258-9109 (EPE 2002)
[121] An intuitive method for teaching electrotechnics	Dan D. Micu , A. Micu	International IGTE Symposium on Numerical Field Calculation in Electrical Engineering, IGTE, Graz, Austria, 14-17 June 2002, Proc CD (IGTE 2002)
[122] Review of the analysis and evaluation of Carson integral	Dan D. Micu , E. Simion, C. Munteanu, V. Lohan, L. Creț	9 th International Conference on Engineering of Modern Electric Systems EMES Oradea, 2002, pp. 67-71, ISSN 1223-2106 (EMES 2002)
[123] Magnetic field modelling for synchronous generator	V. Lohan, E. Simion, V. Țopa, Dan D. Micu , L. Creț	8 th International Conference on Engineering of Modern Electric Systems, EMES Oradea, May 2002, pp. 56-60, ISSN 1223-2106 (EMES 2002)
[124] Simulation of Multiple Fluorescent Lamp Systems using Measured Based Models	L. Creț, Dan D. Micu , E. Simion	International Conference Sources and Environmental Electrotechnologies, RSEE 6-9 06.2002, Oradea, pp. 30-34, ISSN 1223-2106 (RSEE 2002)
[125] The study of the electromagnetic field for a HV generator	V. Lohan, E. Simion, Dan D. Micu	International Conference on Applied and Theoretical Electricity ICATE Craiova, Oct. 2002, pp.101-104, ISBN 973-8043-169-9 (ICATE 2002)
[126] Assesment of power and light quality problems in a religthing project	L. Creț, E. Simion, Dan D. Micu	International Conference on Applied and Theoretical Electricity, ICATE Craiova, Oct. 2002, pp. 284-287, ISBN 973-8043-169-9 (ICATE 2002)
[127] Analytical expression of induced current density and power losses in conductive soil	Dan D. Micu , E. Simion	Fascicola Electrotehnica, Seria C, vol. 10, 8-9 May 2003, Baia Mare, pp. 45-50, ISSN 1224-3272
[128] An HSPICE Simulation of fluorescent lamp system using conventional ballast	L. Creț, Dan D. Micu	Fascicola Electrotehnica, Seria C, vol. 10, Baia Mare, 2003, pp. 7-10, ISSN 1224-3272
[129] Studiul descărcărilor electrostatice între electrozi plan-paraleli	D. Duma, C. Munteanu, Dan D. Micu	Fascicola Electrotehnica, Seria C, vol. 10, Baia Mare, 2003, pp. 17-21, ISSN 1224-3272

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TITLU	AUTORI	REVISTA / PROCEEDINGS CONFERINTA
[130] Remarks about the evaluation of mutual impedances of lines with earth return	Dan D. Micu	7 th International Conference on Engineering of Modern Electric Systems, Analele Universitatii Oradea, Fasc. Electrot. A1, Mai 2000, pp. 35-40, ISSN-1223-2106 (EMES 2000)
[131] Overview on formulas for the evaluation of self and mutual impedances of lines with earth return. AC cathodic protection	Dan D. Micu , V. Țopa, E. Simion	The 1 rd International Workshop on Advances in Numerical Computation Methods in Electromagnetism, Proceedings of the ANCME Conference, Gent, Belgium, June 2000, pp. 20-37, ISBN 973-686-076-0 (ANCME 2000)
[132] Starting Diagram for Single Phase Motor. Approach	V. Iancu, D. Micu, Dan D. Micu	Acta Electrotechnica, Vol. 42, Nr.1 2001, pp. 95-103, ISSN 1224-2497
[133] Starting Diagram for Single Phase Motor. Part I.	V. Iancu, D. Micu, Dan D. Micu	AME Chișinău, May 2001, pp. 120-126 (AME 2001)
[134] Filtru activ pentru îmbunătățirea calității alimentării cu energie electrică a consumatorilor	S. Stefanescu, M. Chindris, A. Cziker, Dan D. Micu	A doua Conferinta Internațională de Sisteme Electromecanice Chișinău, 8-9 Octombrie 1999, vol I, pp. 265-268 (SIELMEN 1999)
[135] Application of the inversion method in electrical circuits theory	Dan D. Micu , A. Micu	6 th International Conference on Engineering of Modern Electric Systems, EMES Oradea, May 1999, pp. 49-54 (EMES 1999)
[136] Rotating Magnetic Field Evaluation in Polyphase Harmonic Polluted Systems	D. Micu, M. Chindris, Dan D. Micu , A. Cziker	International Conference on Electrical&Power Engineering 4-6 November 1999, Iași. Buletinul Institutului Politehnic din Iasi, Tomul XLV (IL) Electrotehnica, Fasc. 5B, pp. 83 – 87, ISSN 0258-9109 (EPE 1999)
[137] Effect of MOSFET output capacitance on ZVS operation of a PSPWM-SRI	S. Stefanescu, M. Chindris, A. Cziker, Dan D. Micu	Buletinul Institutului Politehnic Iași, Tomul XLV (IL) Electrotehnica, Fasc. 5, 1999, pp. 99 –104, ISSN 0258-9109 (EPE 1999)
[138] Symetrizing system behaviour in harmonic polluted electrical networks	M. Chindris, S. Stefanescu, A. Cziker, Dan D. Micu	Buletinul Institutului Politehnic Iași, Tomul XLV (IL), Fasc. 5, 1999, pp. 55 – 59, ISSN 0258-9109 (EPE 1999)

A2.3. GRANTURI / PROIECTE CÂȘTIGATE PRIN COMPETIȚIE	
TITLU	Director/Membru
[A2.3.1] CNCSIS TE 34/09.08.2010: Director de grant: Soluții de modelare, predicție și proiectare, cu maxim de performanță, pentru reducerea impactului curenților de dispersie asupra conductelor metalice subterane de transport gaz, 2010-2013	Director
[A2.3.2] CNCSIS AT_224: Director de grant: Optimizarea construcției unor dispozitive electromagnetice pe baza sintezei de câmp electromagnetic în medii neomogene inaccesibile 2007-2008.	Director
[A2.3.3] CEEEX, nr. X2C37/2006: Impactul câmpurilor electromagnetice de natură antropică asupra ecosistemelor – ICEMECOS, Director proiect: prof.dr.ing. Claudia Popescu (Universitatea Politehnica București); Responsabil partener UTCN: Conf.dr.ing.mat. Dan Doru Micu;	Director
[A2.3.4] CEEEX, nr. 6856/2006: Cercetări teoretice și experimentale privind comportarea materialelor electroizolante în scopul fundamentării studiilor de diagnoză și predicție inteligente – MATELIZ, Director proiect: prof.dr. ing. Doina Gavrilă (Universitatea Politehnica București); Responsabil partener UTCN: prof. dr. ing. Emil Simion;	Membru
[A2.3.5] CEEEX, nr. 136/2006: Diagnoză și predicție inteligentă și activă a construcțiilor cu structura de rezistență în mediul înconjurător complex poluat – DIRECTOR, Director proiect: prof.dr. ing. Dorin Isoc (UTCN); Responsabil partener UTCN: prof. dr. ing. Emil Simion;	Membru
[A2.3.6] CNCSIS nr. 1279/2006: Influența câmpurilor electromagnetice asupra stabilității în funcționare și a performanțelor instalațiilor de ardere, Director proiect: prof.dr. ing. Emil Simion (UTCN);	Membru
[A2.3.7] PN-II-ID-PCE-2007-1, nr. ID_1024: Model matematic pentru studiul influenței poluării electromagnetice în c.a. a conductelor metalice subterane de gaz, cu și fără protecție catodică, aflate în vecinătatea unei stații de transformare. Director proiect: prof. dr. ing. Emil Simion;	Membru
[A2.3.8] PN-II-Nr. 22122/2008: Sistem de predicție și diagnoză inteligentă pentru creșterea siguranței în exploatarea rețelelor electrice de distribuție, prin prevenirea avariilor la cablurile de energie – CABDIAG, Contract Director proiect: ing. Carmen Lingvay (ICPE-CA București); Responsabil partener UTCN: prof. dr. ing. Emil Simion;	Membru
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