A. LISTA CELOR MAI RELEVANTE LUCRĂRI

1. Erdei Z; Horgos M; Grib A; Preradovic DM; Rodic V, MCCB warm adjustment testing concept, INTERNATIONAL CONFERENCE ON INNOVATIVE IDEAS IN SCIENCE (IIS2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 144, Article Number: 012014, DOI: 10.1088/1757-899X/144/1/012014, Published: 2016, ISSN: 1757-8981;


5. Erdei, Zoltan; Dico, L.A.; Neamt, Liviu; Chiver, Olivian, Symbolic equation for linear analog electrical circuits using Matlab, WSEAS TRANSACTIONS on CIRCUITS and SYSTEMS Issue 7, Volume 9, pg.493, ISSN: 1109-2734;

6. Barz, Cristian; Chiver, Olivian; Erdei, Zoltan; Horgos, Mircea; Preradovic, Dragana; Automation with MFD Titan for lighting control, Electrical and Power Engineering (EPE), 2016 International Conference and Exposition on, pg. 466-471, October 20-22, 2016, Iasi, Romania;
B. TEZA DE DOCTORAT

C. CĂRȚI ȘI CAPITOLE ÎN CĂRȚI
3. Erdei Zoltan, Măsurări electrice și electronice, Risoprint, 978-973-53-2328-8, 2019;

D. ARTICOLE PUBLICATE ÎN REVISTE DIN FLUXUL ȘTIINȚIFIC INTERNAȚIONAL PRINCIPAL (WOS/BDI)

D.1. ARTICOLE INDEXATE WOS
1. Chiver, Olivian; Neamt, Liviu; Matei, Oliviai; Erdei, Zoltan; Barz, Cristian; Utilization of finite elements programs and Matlab Simulink in the study of a special electrical motor, International Journal of Advanced Computer Science and Applications Volume: 8  Issue: 4 Pages: 317-323 (Apr.2017);

D.2. ARTICOLE INDEXATE BDI
3. Neamt, Liviu; Chiver, Olivian; Erdei, Zoltan; Barz Cristian; Aspects Regarding SF6 Switch Disconnector Framework Design, Carpathian Journal of Electrical Engineering, ISSN 1843-7583, vol.10, no.1, Baia Mare, 2016;
4. Erdei, Zoltan; Dicso, L.A.; Neamt, Liviu; Chiver, Olivian, Symbolic equation for linear analog electrical circuits using Matlab, WSEAS TRANSACTIONS on CIRCUITS and SYSTEMS Issue 7, Volume 9, pg.493, ISSN: 1109-2734;
5. NEAMT Liviu, HORGOS Mircea, CHIVER Olivian, ERDEI Zoltan, Estimation of power cables magnetic fields in mine tunnels, Journal of Sustainable Energy, Volume II - Nr. 4, 2011;


11. Z. Erdei, M. Iordache, Lucia Dumitriu, A Tearing Approach for Symbolic Analysis Based on Large-Change Multiparameter Sensitivities, Seminarul Naţional de Electrotehnică Teoretică SNET’03;

12. C Barz, CK Jalba, Z Erdei, SML Hahn, Approaches for the planning and implementation of Industry 4.0, Periodicals of Engineering and Natural Sciences 7 (1), pp. 375-380;

13. Z. Erdei, Fast Monte - Carlo Tolerance Analysis


15. Mihai Iordache, Lucia Dumitriu, Zoltan Erdei, Large-Scale Circuit Analysis Using a New Reduced-Order Technique Based on State Equations

16. Lucia Dumitriu, Mihai Iordache, Ion Matei, Zoltan Erdei, Particulary Aspects of Symbolic Analysis of the Analog Circuits with Excces Elements

17. Z. Erdei, Sensitivity in Circuit Design, Embedded Systems Design and Applications

18. M. Iordache, Lucia Dumitriu, Z. Erdei, Tolerance analysis of analog circuits


20. Liviu Emil PETREAN, Mircea HORGOS, Liviu NEAMT, Zoltan ERDEI, Florin PETRICEAN, ILIA Mirela, DALE Lucian, Some aspects regarding harmonics distorsions propagation in power distribution system, in considerations about power factor in nonsinusoidal and unbalanced, pp. 5


E. ARTICOLE PUBLICATE ȘI LUCRĂRI ALE PRINCIPALELOR CONFERINȚE NAȚIONALE DE SPECIALITATE (WOS/BDI)

E.1. ARTICOLE INDEXATE WOS

22. Chiver, Olivian; Neamî, Liviu; Pop, Eleonora; Horgos, Mircea; Erdei, Zoltan; Pop, Adina -Vadean; Pop Paul Petrica; Single-phase PM synchronous motor simulation with Matlab/Simulink, International Conference on Applied Sciences (ICAS2016), 25-27 May
23. Barz, Cristian; Chiver, Olivian; Erdei, Zoltan; Horgos, Mircea; Preradovic, Dragana; Automation with MFD Titan for lighting control, Electrical and Power Engineering (EPE), 2016 International Conference and Exposition on, pg. 466-471, October 20-22, 2016, Iasi, Romania;


30. Erdei Z; Horgos M; Grib A; Preradovic DM; Rodic V, MCCB warm adjustment testing concept, INTERNATIONAL CONFERENCE ON INNOVATIVE IDEAS IN SCIENCE (IIS2015), Book Series: IOP Conference Series-Materials Science and Engineering, Volume: 144, Article Number: 012014, DOI: 10.1088/1757-899X/144/1/012014, Published: 2016, ISSN: 1757-8981;


E.2. ARTICOLE INDEXATE BDI


35. Erdei Zoltan, Borlan Paul, Chiver Olivian, Comparison between basic analog and digital filters, Symposium on Embedded Systems Design and Applications, ESDA , Baia Mare, Romania, 2010;


F. ALTE LUCRĂRI ȘI CONTRIBUȚII ȘTIINȚIFICE

F.1. CONTRACTE DE CERCETARE. Director /Responsabil proiect partener:

1. Ministerul Educației și Cercetării – CNCSIS - Tema nr. 73. Cod CNCSIS: 144, Tehnici de înaltă performanță folosite în proiectarea asistată de calculator a circuitelor analogice, 2002-2003

2. P-CD - Dezvoltarea parteneriatelor la nivel national si international, in domeniul Sisteme Dedicate, in vederea organizarii de manifestari stiintifice si pregatirea de proiecte comune in programul cadru 7 UE, 2007-2008

3. UTCN - Scoala universitară de formare initiala si continua a personalului didactic si trainerilor din domeniul specializarilor tehnice si ingineresti, DidaTec, POSDRU/87/1.3/S/60891, 2013

4. Dispozitiv de reanclansare a intreruptoarelor de joasa tensiune, Eaton Electro Productie, 3000 euro

5. Dispozitiv de blocare a a intreruptoarelor de joasa tensiune, Eaton Electro Productie,2000 euro

6. Studiul si elaborarea automatizarii statiei de epurare a apelor uzate de pe linia de vopsitorie electrostatica, Eaton Electro Productie, 2000 euro

F.3. MEMBRU ÎN COMITETE ȘTIINȚIFICE ȘI RECENZOR


Data  
14.06.2019