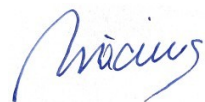


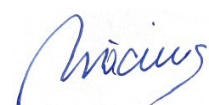
## Ș.I.dr.ing. Gabriela Crăciunaș

### Lista lucrărilor publicate:

1. **Crăciunaș Gabriela**, Viorel I.A. - Câmpul din întrefier produs de curentul statoric de frecvența rețelei la o mașină cu rotor pasiv. Acta Universitatis Cibiniensis, Vol XX, Sibiu, 1995, p19-24.
2. **Crăciunaș Gabriela**, Viorel I.A. - Analiza câmpului magnetic într-o mașina cu reluctanță variabilă elementară. Acta Universitatis Cibiniensis, vol XX, Sibiu, 1995, p25-30.
3. Modran L., **Crăciunaș Gabriela**, - Asupra acționării electrice a mașinilor de țesut. ALTEXIM I, vol II, Sibiu, 1998, p233-240.
4. Gal A.S., **Crăciunaș Gabriela**, - Managementul proiectului energetic. ALTEXIM I, vol V, Sibiu, 1998, p389-396.
5. **Crăciunaș Gabriela**, Modran L. - Cercetări privind posibilitățile de utilizare și realizare a instalațiilor fotovoltaice. ALTEXIM I, vol V, Sibiu, 1998, p397-402.
6. Viorel I.A., **Crăciunaș Gabriela** - Comparație între un motor de inducție trifazat și unul bifazat realizate pe același miez și cu același rotor în colivie. Analele Universității din Oradea, vol.VI, Part I, 1998.
7. **Crăciunaș Gabriela**, Viorel I.A. - On a steady-state circuit field mathematical model of the two-phase induction machine. Proc 9th Annual Applied Power Electronics Conference, Craiova, 1998, p67-72.
8. **Crăciunaș Gabriela**, An analytical method to determine the air-gap field in the case of a two-phase induction machine with winding on the rotor. Acta Universitatis Cibiniensis, Vol XXXII, Sibiu, 1999, p57-60.
9. **Crăciunaș, G.**, The slots influence of a two-phase passive rotor induction machine. Acta Universitatis Cibiniensis, Vol. XXXII, Sibiu, 1999, p61-64.
10. **Crăciunaș, G.**, An analogy between the obtained model through the consideration of the multiple reactions and the existant classical model of a two-phase induction machine. Acta Universitatis Cibiniensis, Vol XLI, Sibiu, 1999, p77-80.
11. **Crăciunaș, G.**, Viorel, I.,A., Calculul câmpului în întrefierul unei mașini de inducție bifazate cu considerarea deschiderilor de creștătură de pe ambele armaturi. Lucrările Sesiunii de Comunicări Științifice a Universității "PETRU MAIOR" Târgu -Mures 27-28 oct. 2000, p25-31.
12. **Crăciunaș, G.**, Modelarea și simularea motorului de inducție bifazat. Lucrările Sesiunii de Comunicări Științifice a Universității "PETRU MAIOR" Târgu - Mures 27-28 oct. 2000, p31-37.



13. **Crăciunaș, G.**, The Simulation Of The Automatic Set Of The System Of MAB's Revolution With Field Orientation Rotoric. Acta Universitatis Cibiniensis, Vol XLVI, Sibiu, 2001, p19-25.
14. **Crăciunaș, G.**, Comparison Between A Three Phase And A Two Phase Induction Motor Built Up On The Same Core. International Symposium On System Theory, XI Edition, Craiova, 2003, p24-27.
15. **Crăciunaș, G.**, Field Oriented Control Of A Two Phase Induction Motor. International Symposium On System Theory, XI Edition, Craiova, 2003, p28-31.
16. **Crăciunaș, G.**, Study On Solar Photovoltaic Energy Use, ECO-EIC, Sibiu, 2005
17. **Crăciunaș, G.**, Environmental Impacts Of Renewable Energy Sources, ECO-EIC, Sibiu, 2005
18. **Crăciunaș, G.**, Two-Phase Induction Machine Behavior At Transient Regime Running, Sintes 12 International Symposium On Systems Theory, Craiova, 2005
19. **Crăciunaș, G.**, Analogy Between The Proposed Mathematical Model And The Experiments Realized On A Two-Phase Induction Machine, Sielmen 2005, 5th International Conference On Electromecanical And Power Systems, Oct. 2005, Chisinau, Rep. Of Moldova.
20. **Crăciunaș, G.**, The Influence Of The Constructive Parameters On The Two-Phase Induction Machine Performances, Sielmen 2005, 5th International Conference On Electromecanical And Power Systems, Oct. 2005, Chisinau, Rep. Of Moldova.
21. **Crăciunaș, G.**, Model Of A Two-Phase Induction Motor With Non-Orthogonal Stator Windings, EPE 2006, Iași, 4-Th International Conference On Electrical And Power Engineering, Buletinul Institutului Politehnic Iași, "Electrotehnică, Energetică, Electronică" Tomul LII (LVI), Fasc. 5A, pp265-273, ISSN 1223-8139, 2006.
22. **Crăciunaș, G.**, Transient Regime Evaluation For A Three Phase Induction Machine, EPE 2006, Iași, 4-Th International Conference On Electrical And Power Engineering, Buletinul Institutului Politehnic Iași, "Electrotehnică, Energetică, Electronică" Tomul LII (LVI), Fasc. 5A, pp259-265, ISSN 1223-8139, 2006.
23. **Crăciunaș, G.**, The Performances Of Different Rotor Flux Observers, The 8th WSEAS International Conference On Mathematical Methods And Computational Techniques In Electrical Engineering; MMACTEE'O6 OCT., ISBN 960-8457-54-8, București, 2006



24. **Crăciunaș, G.**, Dynamic Flux Observers For Two-Phase Induction Motor Speed Control, WSEAS Transactions On Circuits And Systems, Issue11, Volume5, ISSN 1109-2734, November 2006.
25. **Crăciunaș, G.**, Two-Phase Induction Motor With Vectorial Adjusting Control System Using Adaptive Methods For Rotor Flux Estimation, (Sielmen 2007), 6th International Conference On Electromecanical And Power Systems, Chisinau, Rep. Of Moldova, Oct. 2007.
26. **Crăciunaș, G.**, Simulink Implementation Of Two-Phase Induction Motor Model, (Sielmen 2007), 6th International Conference On Electromecanical And Power Systems, Chisinau, Rep. Of Moldova, Oct. 2007.
27. **Crăciunaș, G.** Flux Observers Applied On A Three Phase Induction Machine, Buletinul Institutului Politehnic Iași, "Electrotehnică, Energetică, Electronică" Tomul LIV (LVIII), Fasc. 5, pp721-728, ISSN 1223-8139, 2008.
28. **Crăciunaș, G.**, Dynamic Flux Observer For Induction Motor Speed Identification, (Sielmen 2009), 7th International Conference On Electromecanical And Power Systems, Iași, 2009.
29. **Crăciunaș, G.**, Estimate Observers Performances Applied to Induction Machines, Journal of Electrical and Electronics Engineering, Volume 3, Number 1, pp53-57, 2010.
30. **Crăciunaș, G.**, Performances of Gopinath Flux Observer Used in Direct Field Oriented Control of Induction Machines, Advances in Electrica land Computer Engineering, Volume 11, Issue 1, pp 73-76, ISSN 1582-7445, 2011.
31. **Crăciunaș, G.**, Dynamic Performances in Sensorless System with Two-Phase Induction Motor, Journal of Electrical and Electronics Engineering, Vol. 6, nr.2, P-ISSN: 1844-6035 E-ISSN: 2067-2128 CD-ISSN: 2067-211X,pg.9-12, 2013.
32. **Crăciunaș, G.**, Rotor Speed Estimation Method Used in Dynamic Control of the Induction Motor, Journal of Electrical and Electronics Engineering, Vol. 6, nr.2, P-ISSN: 1844-6035 E-ISSN: 2067-2128 CD-ISSN: 2067-211X,pg.13-16, 2013.
33. N.D.Pop, **Crăciunaș G.**, Numerical Methods for BVP's Appearing in Nondestructive Ultrasonic Testing, Acta Universitatis Cibiniensis. Technical Series 70(1); Vol. LXX, 2018
34. **Crăciunaș G.**, High-Performance Electrical System With Three-Phase Induction Machine, Acta Universitatis Cibiniensis. Technical Series 70(1); Vol. 73, 2021.

**Data:** 03.03.2022

**Semnătura:**

