

LISTA DE LUCRARI

Surname: **MARIN**

First name: **CONSTANTIN-VIOREL**

Institutia unde lucreaza: Universitatea "POLITEHNICA" Bucuresti

Facultatea de Inginerie Electrica, Departamentul Electrotehnica

Functia: **conferentiar**

TEZA DE DOCTORAT (A):

Marin C. V., "Optimizarea sistemului motor asincron-autotransformator de pornire", Universitatea "Politehnica" Bucuresti 1998.

Conducator: **Prof. univ. dr. ing. Constantin Apetrei**

CARTI (B):

1. **Marin C. V.**, "Pornirea prin autotransformator a motorului asincron", Editura Printech Andor Tipo, Bucuresti 1999, ISBN 973-9475-97-3, 621.313.333.
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3. **Marin C. V.**, Marin D, Trusca V., Ttransformatorul de izolare cu ecrane multiple. Teorie, simulari, verificari experimentale. Editura Printech, Bucuresti 2006, ISBN 978-973-718-431-3.
4. **Marin C. V.**, Masini electrice. Editura Printech, Bucuresti 2011, ISBN 978-606-521-645-7

INDRUMARE:

1. Constantinescu F., Ionescu A., **Marin C. V.**, Nitescu M., "Analiza circuitelor electrice cu Pspice. Lucrari de laborator", Editura Printech, Bucuresti 2003, ISBN 973-652-759-x.

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Conference: IEEE Africon Conference Location: Livingstone, ZAMBIA Date: SEP 13-15, 2011
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Author(s): Marin Constantin Viorel

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Author(s): Marin Constantin Viorel

Source: REVUE ROUMAINE DES SCIENCES TECHNIQUES-SERIE

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Title: Test frequency selection in analog fault diagnosis. Part II: Results

Author(s): Marin Constantin Viorel; Marin Doina

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Author(s): Marin Constantin Viorel; Marin Doina

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Title: Computation of approximate symbolic pole/zero expressions

Author(s): Constantinescu F; Nitescu M; Marin CV

Conference: International Workshop on Symbolic Methods and Applications to Circuit Design (SMACD) Location: Sinaia, ROMANIA Date: OCT 10-11, 2002

Sponsor(s): IEEE Circuits & Syst Soc; European Circuit Soc; IEEE Romania Sect; Univ Bucharest

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ROMANIA .

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Author(s): Marin Constantin Viorel; Marin Doina

Book Group Author(s): IEEE

Conference: 4th European Conference on Circuits and Systems for Communications (ECCSC 08) Location: Politehn Univ, Bucharest, ROMANIA Date: JUL 10-11, 2008

Sponsor(s): Romanian Minist Educ; IEEE Circuits & Syst Soc

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Title: A new circuit model for body cell mass prediction

Author(s): Gheorghe A. G.; Marin C. V.; Constantinescu F.; et al.

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11. Constantinescu F, Nitescu M, Marin CV Finding periodic steady state of strongly nonlinear RF-IC circuits using shooting by exponential extrapolation

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Author(s): Constantinescu P; Nitescu M; Marin CV

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Title: A new approach to parameter identification of linear circuits
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6. Constantinescu F., Nitescu M., Marin C.V., Some remarks on nonlinear circuit analysis, Revue Roumaine des Sciences Technique – Electrotechnique et Energetique, Tome 51, 3, p.293-302, Bucarest, 2006.
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15. Constantinescu F., Nitescu M., Marin C. V., Computation on the periodic steady-state in RF-IC circuits using fast envelope prediction, International Symposium on Signal Circuits and Systems (S.C.S. 2001), Iasi, July 10-11, 2001, pag. 217-220.
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E Brevete obținute în întreaga activitate

1. Dispozitiv de comanda a (auto) transformatoarelor cu reglaj in sarcina, brevet de inventie nr. 94336 din 23.10.1987.

F. Contracte

Director proiect METODE NOI DE DIAGNOSTICARE A DEFECTELOR IN CIRCUITELE ANALOGICE

Contractul de finanțare _ nr. 683_/2009 CNCSIS

RESPONSABIL CONTRACTE DE CERCETARE

1. MARIN C. V., “Nota de fundamentare tehnico-economica pentru asimilarea autotransformatoarelor trifazate uscate cu reglaj de tensiune sub sarcina de putere 30 kVA si 66 kVA”, contract ICPE 40-363/83, beneficiar I. Metalul Rosu Cluj-Napoca.
2. MARIN C. V., “Tipuri reprezentative de autotransformatoare si transformatoare monofazate si trifazate, uscate, de joasa tensiune cu reglaj sub sarcina. Puteri de la 5 kVA la 63 kVA”, contract cu ICPE 40-403/83, beneficiar I. Contactoate Buzau.
3. MARIN C. V., “Transformator monofazat uscat de 20 kVA, 220/115 V” pentru conectarea echipamentelor sistemului de calcul la rețeaua de alimentare a Centralei Nucleare Electrice Cernavoda, contract ICPE 40-177/87, beneficiar I. Electrotehnica Bucuresti.
4. MARIN C. V., “Echipament de pornire motor asincron 600 kW pentru propulsor prova nava Ferry-boat Eforie”, contract ICPE 40-408/83, beneficiari S. N. Constanta si ICEPRONAV Galati.
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6. MARIN C. V., “Transformator tip Scott de putere 100 kVA pentru alimentarea instalatiilor de electrotermie”, contract ICPE 40-145/1992, beneficiar INDES SA Sibiu.
7. MARIN C. V., “Serie de transformatoare tip Scott pentru alimentarea instalatiilor electrotermice”, contract ICPE 614 c/1992/B-314, beneficiar Ministerul Cercetarii si Tehnologiei.
8. MARIN C. V., “Serie unitara de autotransformatoare pentru pornirea motoarelor asincrone cu rotorul in scurtcircuit”, contract ICPE 614 c/1992/B-313, beneficiar Ministerul Cercetarii si Tehnologiei.
9. MARIN C. V., “Echipament de pornire cu autotransformator a motoarelor asincrone utilizate in constructia navala”, contract ICPE 114 c/1994/B-313, beneficiar Ministerul Cercetarii si Tehnologiei.
10. MARIN C. V., “Echipament de incalzire prin inductie pentru detensionarea sudurilor”, In perioada 1995-1997, contract ICPE 307/B/1995/B-9, beneficiar Ministerul Cercetarii si Tehnologiei.
11. MARIN C. V., “Comportarea masinii asincrone cu rotorul bobinat la pornire, cu electronica de pornire in rotor”, contract ICPE C 60/1997/A 33, beneficiar Ministerul Cercetarii si Tehnologiei.

Data: 05.05.2012

Conf. Dr. Ing. Marin Constantin Viorel