

LISTA DE LUCRARI PUBLICATE

Prof.dr.ing. MIRUNA NITESCU

A. TEZA DE DOCTORAT

Contributii la stabilirea unei teorii generale a cuadripolilor cu ajutorul grafurilor de transfer- metoda de analiza simbolica (conducator stiintific prof.dr.doc. Ctin. Mocanu).(1987)

B. CARTI

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12. *Indrumar de Laborator: Electrotehnica Masurari si Masini Electrice*, Colectiv (M.Nitescu), Bucuresti, 1981
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C. ARTICOLE IN REVISTE

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E. CONTRACTE DE CERCETARE (DIRECTOR)

1. Sinteza modelelor comportamentale de circuit ale rezonatoarelor de putere cu unde acustice de volum pentru telefonie mobila, Tema cod CNCSIS 325 2006-2008.
2. Metode simbolice noi pentru analiza si proiectarea circuitelor analogice integrate, Tema 53, Cod CNFIS: 525, 2002-2004
3. Metode simbolice in proiectarea circuitelor analogice integrate de mica putere, 1999 - 2000, Contract 33084/1999/tema66.
4. Bilantul electroenergetic al Intreprinderii de nutreturi combinate Bragadiru - Sectia de morarit. Catedra de Electrotehnica I, 1982 (contract 333/I/1982).
5. Bilantul electroenergetic total al Intreprinderii de nutreturi combinate Bragadiru - Catedra de Electrotehnica I, 1983 (contract 333/II/1983).
6. Bilantul electroenergetic la Intreprinderea "Munca Textila" (Sectia materiale reciclabile) Bucuresti. Catedra de Electrotehnica I, (contract 334/I/1984).
7. Bilantul electroenergetic la Intreprinderea "Munca Textila" (Sectia Perdele, Sectia Paturi, Bilant total) Bucuresti. Catedra de Electrotehnica I, (contract 334/II/1985).

F. CONTRACTE DE CERCETARE (PARTICIPANT)

1. Proiect de cercetare exploratorie _IDEI_ 2198 Modele neliniare de camp si de circuit pentru rezonatoarele BAW de putere 2009-2011
2. Metode noi de analiza a circuitelor in domeniul timpului si in domeniul frecventei, proiect IDEI 2198 finantat de Consiliul National al Cercetarii Stiintifice din Invatamantul Superior, (2009-2011).
3. Metode noi de diagnosticare a defectelor in circuitele analogice, proiect IDEI 1678 finantat de Consiliul National al Cercetarii Stiintifice din Invatamantul Superior, (2009-2011).
4. **MOBILIS -Mixed SiP and SoC Integration of Power BAW Filters for Digital Wireless Transmissions (FP6), Politehnica University team, 2006-2009, 121500 EURO**
5. Simularea eficienta mixere si amplificatoare neliniare a circuitelor integrate neliniare de radiofrecventa, 2005-2007 Grant CNCSIS
6. Simularea circuitelor neliniare de radiofrecventa utilizand doua variabile temporale, 2002-2004, TEMA NR_28 COD CNCSIS 518
7. Metode Simbolice de Invatare in Ingineria Electrica si Electronica Finantator : GUVERNUL ROMANIEI 70% din fonduri fiind imprumut de la BANCA MONDIALA
8. CNCFIS 2000-2002
9. Regimul periodic permanent al circuitelor trifazate neliniare. Faza I: Metode de calcul al regimului periodic permanent in circuitele neliniare. Contract cu Ministerul Invatamantului, 1993 contract 3001, temaB4 faza 1.
10. Regimul periodic permanent al circuitelor trifazate neliniare. Faza II: Elaborarea programelor de calcul. Contract cu Ministerul Invatamantului, 1994 contract 3001, faza2, temaB4.
11. Metode simbolice pentru analiza si proiectarea circuitelor analogice. Grant CNCSU, 1995 contract 4001B, tema126.
12. Metode simbolice pentru analiza si proiectarea circuitelor analogice. Grant CNCSU, 1996 contract 5001B, tema126.
13. Parametrii unor structuri electromagnetice cu efect de camp, faza I/1996 (contract nr.5001 tema A73)
14. Distributia 3D a curentilor turbionari si a pierderilor Joule pentru corpuri in miscare, faza I/1996 (contract nr.510B, temaB43)
15. Proiectarea optima a dispozitivelor electromagnetice, senzitivitati, faza I/1997 (contract nr.836/1997, tema B30)
16. Utilizarea materialelor supraconductoare in industria electrotehnica . Calculul campului electromagnetic si a performantelor instalatiilor cu materiale supraconductoare, faza I/1997 (contract nr.836, tema A7)

17. Studiul cimpului magnetic si al fenomenelor asociate in zona frontala a turbogeneratoarelor de mare putere. Catedra de Electrotehnica I, 1973, (contract 153/1973)
18. Studiul cimpului magnetic si al fenomenelor asociate in zona frontala a turbogeneratoarelor de mare putere. Catedra de Electrotehnica I, 1974, (contract 153/1974)
19. Studiul cimpului magnetic si al fenomenelor asociate in zona frontala a turbogeneratoarelor de mare putere. Catedra de Electrotehnica I, 1975 (contract 153/1975)
20. Studiul cimpului magnetic si al fenomenelor asociate in zona frontala a turbogeneratoarelor de mare putere. Catedra de Electrotehnica I, 1976-1978 (contract 153/1976)
21. Studiul teoretic si pe model al transmisiunii supratensiunilor tranzitorii intre infasarile transformatoarelor, contract 94/1976-1977, ICEMENERG
22. Cercetari privind realizarea de divizoare de tensiune de 24 KV si 245 KV, contract 121/1977, Cat.de Masuri si Aparate Electrice
23. Studiu privind analiza regimului deformant in retelele de alimentare cu energie electrica a platformelor industriale si masuri de reducere a consumului propriu tehnologic prin reducerea pierderilor suplimentare datorate acestui regim, contract 223/1978 CIRE
24. Analiza pe baza de masuratori a modului de utilizare a energiei electrice in conditiile reale de functionare la IMMR Rosiorii de vede, contract 166/1979
25. Intocmirea si analiza unor bilanturi energetice la CEPL-Toplita, contract 435/1979, 1980
26. Bilanturi energetice, intocmire si analiza pe baza de masuratori, pentru a stabili modul de utilizare si caile de optimizare a consumului de energie electrica la IAAA Alexandria, contract 302/1981
27. . Bilanturi energetice, intocmire si analiza pe baza de masuratori, pentru a stabili modul de utilizare si caile de optimizare a consumului de energie electrica la IPNC Giurgiu, 305/1982
28. Analiza pe baza de masuratori a modului de utilizare a energiei electrice in conditiile reale de functionare la Intreprinderea de Osii si Boghiuri Bals (otelarie), contract 335/1983
29. Predeterminarea asistata de calculator a performantelor masinilor electrice, Catedra de Electrotehnica, 1989
30. Sistem de lectii asistate de calculator pentru lucrarile de laborator la disciplina "Masurari electrice si electronice", Contract cu Institutul de Tehnica de Calcul si Informatica, 1988 (contract 321/1988).
31. Utilizarea calculului numeric al cimpului electromagnetic in cresterea performantelor produselor electrotehnice, Catedra de Electrotehnica, 1991.