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L I S T A

lucrărilor științifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat și abilitare

Titlul de doctor în domeniul *Matematica Aplicata*/anul 2006, Universitatea din Bucuresti
Titlul tezei de doctorat " *Optimization of Parallel Algorithms and cryptographic applications* "

B. Cărți și capitole în cărți (selectie)

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2. **Nicolae Constantinescu**, *Programare Procedurala*, Ed. III-a, Adaugita si revizuita, Ed. Universitaria Craiova, 2018.
3. **Nicolae Constantinescu**, *Criptografie*, Editura Academiei Române, 2009.
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C. Lucrări indexate ISI / BDI

C1- Lucrări indexate ISI (selectie)

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2. Daniel Ioan Hunyadi, Oana Adriana Ticleanu, Nicolae Constantinescu, Optimal Elliptic-Curve Subspaces for Applications in Double-Authenticated Requests in Mobile Distributed Data Mining, *Mathematics*, published 27 Dec. 2022.
3. Dana Simian, Oana Adriana Ticleanu, Nicolae Constantinescu, Characterization of a cubic interpolation scheme dependent on two parameters and applications, *Annals of the University of Craiova, Mathematics and Computer Science Series*, Vol. 49, nr. 2, pp. 445-460, 2022.
4. **Nicolae Constantinescu**, *Impact factors involved in cryptoperiod computation in key compromise impersonation scenario*, *Annals of the University of Craiova, Mathematics and Computer Science Series*, Vol. 46, nr. 2, pp. 392-399, 2019
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9. Ticleanu, Oana; **Constantinescu, Nicolae**; Ebanca, Daniel, *Intelligent data retrieval with hierarchically structured information*, 6th International Conference on Intelligent Interactive Multimedia Systems and Services (KES IIMSS) Location: Sesimbra, PORTUGAL Date: JUN 26-28, 2013, INTELLIGENT



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10. Ion Iancu, **Nicolae Constantinescu**, *Intuitionistic fuzzy system for fingerprints authentication*, Applied Soft Computing, Elsevier, Vol. 13, No. 4, pp. 2136-2142, 2013
 11. **Nicolae Constantinescu**, *Security System Vulnerabilities*, Proceedings of the Romanian Academy Series A-Mathematics Physics Technical Sciences Information Science, Vol. 13, No. 2, pp. 175-179, 2012
 12. Boldea, Costin R.; Boboila, Cristea; **Constantinescu, Nicolae**, *Natural Resources Management of Wild Species: an Evolutionary Approach*, Mathematics and Computers in Science and Engineering, pp. 222-226, proceedings, 2010
 13. Dorel Savulea, **Nicolae Constantinescu**, *Authentication Hierarchy in Distributed Deductive Databases*, International Conference on Computers, ISSN: 1792-4251, ISBN: 978-960-474-201-1, pp. 238-243, 2010
 14. **Nicolae Constantinescu** and Ion Iancu, *Fuzzy Identity Authentication*, International Conference on Computers, Latest Trends on Computers, WSEAS Press, ISSN: 1792-4251, ISBN: 978-960-474-201-1, pp. 168-173, 2010
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 19. Cristea Boboila, **Nicolae Constantinescu** and Costin-Radu Boldea, *Preserving Consistency and Security of Data in E-business Applications*, Conference on Recent Advances in Mathematics and Computers in Business, Economics, Biology and Chemistry, ISSN: 1790-2769, ISBN: 978-960-474-194-6, pp. 211-215, 2010
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C2 - Lucrări indexate BDI (selectie)

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2. Dorel Savulea, **Nicolae Constantinescu**, *Statistical Analysis of the Demographic Ageing Process in the EU Member States, Former Communist Countries*, International Journal of Advanced Computer Science and Applications, USA, Vol. 3, No. 12, pp. 13-24, 2012
3. **Nicolae Constantinescu**, Claudiu-Ionuț Popirlan, *Authentication model based on Multi-Agent System*, Annals of the University of Craiova, Mathematics and Computer Science Series, Vol. XXXVIII, No. 2, pp. 59-68, 2011
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6. **Nicolae Constantinescu**, *Authentication Protocol Based on Elliptic Curve Cryptography*, Annals of the University of Craiova, Mathematics and Computer Science Series, Vol. XXXVII, No. 2, pp. 83-91, 2010
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8. **Nicolae Constantinescu**, *Elliptic curve cryptosystems and scalar multiplication*, Annals of the University of Craiova, Mathematics and Computer Science Series, Vol. XXXVII, No. 1, pp. 27-34, 2010
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10. **Nicolae Constantinescu**, *Non Singular Elliptic Curves - From Theory to Application. Algorithm attacks discussions*, Mathematica Journal, Babes-Bolyai University, Tome 50(73), No. 2 (2008), pp. 177-186
11. Mihai Dupac and **Nicolae Constantinescu**, *3D Steganography Models*, Annals of the University of Craiova, Mathematics and Computer Science Series, Vol. XXXV, pp. 97-102, 2008
12. **Nicolae Constantinescu**, *Authentication ranks with identities based on elliptic curves*, Annals of the University of Craiova, Mathematics and Computer Science Series, Vol. XXXIV, pp. 94-99, 2007
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32. Emil Simion and **Nicolae Constantinescu**, *Principles in Cryptanalysis of Stream Ciphers*. Annual Proc. of SSMR, may 25-28 Constanta 1999

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Semnătura:
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