

„A” függelék

Publikációs lista

I. Doktori dolgozat / PhD Thesis

1. L. Szathmary. *Méthodes symboliques de fouille de données avec la plate-forme Coron*. PhD Thesis in Computer Sciences, Université Henri Poincaré – Nancy 1, France, Nov 2006. (cím magyarul: Szimbolikus adatbányászati módszerek a Coron platformmal)

II. Lektorált cikkek nemzetközi folyóiratokban / International Peer Reviewed Journals

1. L. Szathmary, P. Valtchev, A. Napoli, R. Godin, A. Boc, and V. Makarenkov. A fast compound algorithm for mining generators, closed itemsets, and computing links between equivalence classes. *Ann. Math. Artif. Intell. (AMAI)*, 70(1–2):81–105, 2014
2. L. Szathmary, P. Valtchev, and A. Napoli. Generating Rare Association Rules Using the Minimal Rare Itemsets Family. *International Journal of Software and Informatics*, 4(3):219–238, 2010

III. Lektorált nemzetközi konferencia kiadványok / International Peer Reviewed Conferences

1. L. Szathmary, P. Valtchev, A. Napoli, and R. Godin. Efficient Vertical Mining of Minimal Rare Itemsets. In *Proc. of the 9th Intl. Conf. on Concept Lattices and Their Applications (CLA '12)*, pages 269–280, Fuengirola, Malaga, Spain, 2012
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3. H. Mili, P. Valtchev, Y. Charif, L. Szathmary, N. Daghrir, M. Béland, A. Boubaker, L. Martin, F. Bédard, S. Caid-Essebsi, and A. Leshob. E-Tourism Portal: A Case Study in Ontology-Driven Development. In *E-Technologies: Transformation in a Connected World*, volume 78 of *LNBP*, pages 76–99. Springer, 2011
4. L. Szathmary, P. Valtchev, and A. Napoli. Finding Minimal Rare Itemsets and Rare Association Rules. In Y. Bi and M.-A. Williams, editors, *Proc. of the 4th Intl. Conf. on Knowledge Science, Engineering and Management (KSEM '10)*, volume 6291 of *LNAI*, pages 16–27, Belfast, Northern Ireland, UK, 2010. Springer, Berlin
5. M. Kaytoue, F. Marcuola, A. Napoli, L. Szathmary, and J. Villerd. The Coron System. In L. Boumedjout, P. Valtchev, L. Kwuida, and B. Sertkaya, editors, *Suppl. Proc. of the 8th Intl. Conf. on Formal Concept Analysis (ICFCA '10)*, pages 55–58, 2010. (demó cikk)
6. L. Szathmary, P. Valtchev, A. Napoli, and R. Godin. Efficient Vertical Mining of Frequent Closures and Generators. In *Proc. of the 8th Intl. Symposium on Intelligent Data Analysis (IDA '09)*, volume 5772 of *LNCS*, pages 393–404, Lyon, France, 2009. Springer
7. J. Baixeries, L. Szathmary, P. Valtchev, and R. Godin. Yet a Faster Algorithm for Building the Hasse Diagram of a Galois Lattice. In *Proc. of the 7th Intl. Conf. on Formal Concept Analysis (ICFCA '09)*, volume 5548 of *LNAI*, pages 162–177, Darmstadt, Germany, 2009. Springer
8. L. Szathmary, P. Valtchev, A. Napoli, and R. Godin. An Efficient Hybrid Algorithm for Mining Frequent Closures and Generators. In *Proc. of the 6th Intl. Conf. on Concept Lattices and Their Applications (CLA '08)*, pages 47–58, Olomouc, Czech Republic, 2008
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10. J. Lieber, A. Napoli, L. Szathmary, and Y. Toussaint. First Elements on Knowledge Discovery Guided by Domain Knowledge (KDDK). In S. B. Yahia, E. M. Nguifo, and R. Belohlavek, editors, *Concept Lattices and Their Applications (CLA '06)*, volume 4923 of *LNAI*, pages 22–41. Springer, Berlin, 2008
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IV. Nemzetközi munkaértekezletek, lektorált kiadvány / International Peer Reviewed Workshops

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V. Egyéb nemzetközi konferencia kiadványok / Other International Conferences

1. L. Szathmary. Finding minimal rare itemsets with an extended version of the Apriori algorithm. In *Proc. of the 9th Intl. Conf. on Applied Informatics (ICAI '14)*, Eger, Hungary, 2014
2. L. Szathmary and A. Napoli. Towards knowledge management using Galois lattices. In *Proc. of the 6th Intl. Conf. on Applied Informatics (ICAI '04)*, pages 403–417, Eger, Hungary, 2004

VI. Lektorált cikkek folyóiratokban (franciául) / National (French) Peer Reviewed Journals

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VII. Lektorált konferencia kiadványok (franciául) / National (French) Peer Reviewed Conferences

1. B. Ducatel, M. Kaytoue, F. Marcuola, A. Napoli, and L. Szathmary. Coron : Plate-forme d'Extraction de Connaissances dans les Bases de Données. In *17ème conférence en Reconnaissance des Formes et Intelligence Artificielle (RFIA '10)*, pages 883–884, 2010. (demó cikk)
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4. S. Maumus, A. Napoli, L. Szathmary, and S. Visvikis-Siest. Fouille de données biomédicales complexes : extraction de règles et de profils génétiques dans le cadre de l'étude du syndrome métabolique. In G. Perrière, A. Guénoche, and C. Gourgeon, editors, *Journées Ouvertes Biologie Informatique Mathématiques (JOBIM '05)*, pages 169–173, Lyon, France, 2005
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VIII. Munkaértekezletek (franciául), lektorált kiadvány / National (French) Peer Reviewed Workshops

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IX. Lektorált cikkek folyóiratokban (magyarul) / National (Hungarian) Peer Reviewed Journals

1. L. Szathmary and K. Bognar. Zart: egy multifunkcionális mintakereső algoritmus. *Alkalmazott Matematikai Lapok*, 27:107–122, 2010

X. Technikai riportok / Technical Reports

1. L. Szathmary, P. Valtchev, and A. Napoli. Efficient Mining of Frequent Closures with Precedence Links and Associated Generators. Research Report RR-6657, INRIA, 2008
2. L. Szathmary, S. Maumus, and A. Napoli. Mining Rare Association Rules. LORIA Research Report 00102909 (<http://hal.inria.fr/inria-00102909>), Oct 2006
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4. L. Szathmary, A. Napoli, and S. O. Kuznetsov. ZART: A Multifunctional Itemset Miner Algorithm. LORIA Research Report A05-R-013, Feb 2005

XI. Egyéb / Miscellaneous

1. L. Szathmary and A. Napoli. CORON: A Platform for Itemset Mining Algorithms. In *Fourth Intl. Conf. on Formal Concept Analysis (ICFCA '06)*, Dresden, Germany, 2006. (előadás és demó, nyomtatásban megjelent cikk nélkül)
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XII. Szoftver / Software

1. L. Szathmary and A. Napoli. The CORON Data Mining Platform. (<http://coron.loria.fr>)

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Előadások listája

I. Nemzetközi előadások / Presentations at International Conferences

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II. Francia nyelvű előadások / Presentations in French

1. L. Szathmary. Snow-Touch: A Modular Approach for Mining Iceberg Lattices with Generators, Szept. 2009. (szeminárium az Orpailleur csoport meghívására a Loria laboratóriumban; Nancy, Franciaország)
2. L. Szathmary. Efficient Construction of Iceberg Concept Lattices for Association Rule Mining, Szept. 2008. (szeminárium az UQAM egyetemen, Montreal, Kanada)
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III. Magyar nyelvű előadások / Presentations in Hungarian

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2. L. Szathmary. Egy moduláris adatbányász algoritmus Galois-hálók előállítására, Aug. 2009. (szeminárium a Debreceni Egyetem Informatikai Karán)
3. L. Szathmary. Egy hatékony hibrid algoritmus gyakori zárt és gyakori generátor minták keresésére, Okt. 2008. (szeminárium a Debreceni Egyetem Informatikai Karán)
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5. L. Szathmary. Galois hálók, Dec. 2004. (szeminárium a Debreceni Egyetem Informatikai Karán a Balaton projekt (F-23/03) keretében)
6. L. Szathmary. Asszociációs szabályok keresése adatbázisokban az Apriori, ill. Close algoritmusokkal, Okt. 2004. (szeminárium a Debreceni Egyetem Informatikai Karán a Balaton projekt (F-23/03) keretében)

IV. Rövid előadások / Lightning Talks

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2. L. Szathmary. PrimCom: manage and access your personal knowledge base easily. RuPy 2013 Conference, Budapest, Hungary, 2013