

Abawajy, J.; Kelarev, A.V.; Yearwood, J.L.; Turville, C. A data mining application of the incidence semirings. Houston J. Math. 39, No. 4, 1083-1093 (2013) : [review]
Henno, Jaak Zentralblatt MATH 2014 / [1] p

ARTmine : automatic association rule mining with temporal behavior for hardware verification

Heidari Iman, Mohammad Reza; Jervan, Gert; Ghasempouri, Tara 2024 Design, Automation & Test in Europe Conference & Exhibition (DATE) : Valencia, Spain, 25-27 March 2024 : proceedings 2024 / p. 1-6 : ill <https://ieeexplore.ieee.org/document/10546742>

An automated legal content capture and visualisation method = Automaatne meetod õigusteabe hankimiseks ja visualiseerimiseks

Täks, Ermo 2013 http://www.ester.ee/record=b2630616*est

An automated method for mining high-quality assertion sets

Heidari Iman, Mohammad Reza; Raik, Jaan; Jenihhin, Maksim; Jervan, Gert; Ghasempouri, Tara Microprocessors and microsystems 2023 / art. 104773 <https://doi.org/10.1016/j.micpro.2023.104773> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Business process mining in warehouses : a case study

Liiv, Innar; Lepik, Ott Databases and Information Systems : proceedings of the 11th International Baltic Conference, Baltic DB&IS 2014 : Tallinn, Estonia, 8-11 June, 2014 2014 / p. 387-394 : ill

Business process mining in warehouses : a case study

Lepik, Ott; Liiv, Innar Technical report [Online publication] 2012 / 14 p. : ill <https://www.semanticscholar.org/paper/Business-Process-Mining-in-Warehouses%3A-a-Case-Study-Liiv-Lepik/d0d06e4cee0d18a4d5d0c5356143ffd70aa3d4f0>

Clustering of Transmission System Loads Based on Monthly Load Class Energy Consumptions

Leinakse, Madis; Kilter, Jako 2020 21st International Scientific Conference on Electric Power Engineering (EPE), October 19-21, 2020, Prague, Czech Republic 2020 / 6 p. : ill <https://doi.org/10.1109/EPE51172.2020.9269197>

Comparative analysis of pattern mining algorithms for event logs

Gasimov, Orkhan; Vaarandi, Risto; Pihelgas, Mauno 2023 IEEE International Conference on Cyber Security and Resilience (CSR) : Venice, Italy, 2023 2023 / 7 p <https://doi.org/10.1109/CSR57506.2023.10224996>

Covering concept lattices with concept chains

Torim, Ants; Mets, Marko; Raun, Kristo Graph-Based Representation and Reasoning : 24th International Conference on Conceptual Structures, ICCS 2019 : Marburg, Germany, July 1-4, 2019 : proceedings 2019 / p. 190-203 : ill https://doi.org/10.1007/978-3-030-23182-8_14 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Conference proceeding at WOS](#) [Article at WOS](#)

A data clustering algorithm for mining patterns from event logos

Vaarandi, Risto Proceedings of the 3rd IEEE Workshop on IP Operations & Management (IPOM2003) : Kansas City, Missouri, USA, October 1-3, 2003 2003 / p. 119-126 : tab

Databases and Information Systems : 14th International Baltic Conference, DB&IS 2020, Tallinn, Estonia, June 16-19, 2020 : Proceedings

2020 <https://doi.org/10.1007/978-3-030-57672-1>

DatApollo : Orchestration of serverless functions for scalable data mining

Shahin, Mahtab; Bertl, Markus; Janatian, Nasim; Aznar-Poveda, Juan; Shah, Syed Attique; Fahringer, Thomas; Arakkal Peious, Sijo; Draheim, Dirk IEEE Access 2025 / p. 142813-142828 <https://doi.org/10.1109/ACCESS.2025.3591712>

Dealing with data streams: Complex event processing vs. data stream mining

Lange, Moritz; Koschel, Arne; Astrova, Irina Computational Science and Its Applications – ICCSA 2020 : 20th International Conference, Cagliari, Italy, July 1-4, 2020 : Proceedings, Part IV 2020 / p. 3-14 https://doi.org/10.1007/978-3-030-58811-3_1 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Conference proceedings at WOS](#) [Article at WOS](#)

Describing data table with best decision

Torim, Ants; Kuusik, Rein, inform. Proceedings of the 5th WSEAS International Conference on Simulation, Modeling and Optimization : Corfu, Greece, August 17-19, 2005 2005 / p. 152-157 : ill

Discretizing numerical attributes : an analysis of human perceptions

Kaushik, Minakshi; Sharma, Rahul; Draheim, Dirk arXiv.org 2023 / 18 p. : ill <https://doi.org/10.48550/arXiv.2311.03278>

Discretizing numerical attributes : an analysis of human perceptions : [conference paper]

Kaushik, Minakshi; Sharma, Rahul; Vidyarthi, Ankit; Draheim, Dirk New Trends in Database and Information Systems : ADBIS 2022 Short Papers, Doctoral Consortium and Workshops : DOING, K-GALS, MADEISD, MegaData, SWODCH, Turin, Italy,

September 5-8, 2022 : proceedings 2022 / p. 188-197 https://doi.org/10.1007/978-3-031-15743-1_18 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Efficient event log mining with LogClusterC

Zhuge, Chen; Vaarandi, Risto The Third IEEE International Conference on Big Data Security on Cloud, IEEE BigDataSecurity 2017 : The Third IEEE International Conference on High Performance and Smart Computing, IEEE HPSC 2017 : The Second IEEE International Conference on Intelligent Data and Security, IEEE IDS 2017 : proceedings : 26-28 May 2017, Beijing, China 2017 / p. 261-266 : tab <http://doi.org/10.1109/BigDataSecurity.2017.26>

End-to-end Timing Model Extraction from TSN-Aware Distributed Vehicle Software

Houtan, Bahar; Aybek, Mehmet Onur; Ashjaei, Mohammad; **Daneshtalab, Masoud**; Sjödin, Mikael; Mubeen, Saad 48th Euromicro Conference on Software Engineering and Advanced Applications : SEAA 2022 : proceedings 2022 / p. 366-369 <https://doi.org/10.1109/SEAA56994.2022.00064>

Event log analysis with the LogCluster tool

Vaarandi, Risto; Kont, Markus; Pihelgas, Mauno 2016 IEEE Military Communications Conference : MILCOM 2016 : Baltimore, MD, USA, November 1-3, 2016 2016 / p. 982-987 <https://doi.org/10.1109/MILCOM.2016.7795458>

Exploring factors in a crossroad dataset using cluster-based association rule mining

Shahin, Mahtab; Heidari Iman, Mohammad Reza; Kaushik, Minakshi; Sharma, Rahul; Ghasempouri, Tara; Draheim, Dirk Procedia computer science 2022 / p. 231-238 : ill <https://doi.org/10.1016/j.procs.2022.03.032> [Conference proceeding at Scopus](#) [Article at Scopus](#)

Hardware accelerators for information retrieval and data mining

Sklyarov, Valery; Skliarova, Ioulia; Silva, João; **Sudnitsõn, Aleksander; Rjabov, Artjom** 2015 International Conference on Information and Communication Technology Research (ICTRC2015) : Abu Dhabi, United Arab Emirates, May 17-19, 2015 2015 / p. 202-205 : ill <http://dx.doi.org/10.1109/ICTRC.2015.7156457>

Impact-driven discretization of numerical factors : case of two- and three-partitioning

Kaushik, Minakshi; Sharma, Rahul; Arakkal Peious, Sijo; Draheim, Dirk Big Data Analytics. BDA 2021 : 9th International Conference, BDA 2021, Virtual Event, December 15-18, 2021 : proceedings 2021 / p. 244-260 https://doi.org/10.1007/978-3-030-93620-4_18 [Conference Proceedings at Scopus](#) [Article at Scopus](#)

LogCluster - a data clustering and pattern mining algorithm for event logs

Vaarandi, Risto; Pihelgas, Mauno 11th International Conference on Network and Service Management, CNSM 2015 : Barcelona, Spain, November 9-13, 2015 2015 / p. 1-7

Model and Data Engineering : 10th international conference, MEDI 2021, Tallinn, Estonia, June 21-23, 2021 : proceedings 2021 <https://doi.org/10.1007/978-3-030-78428-7>

A novel framework for unification of association rule mining, online analytical processing and statistical reasoning

Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo; Bazin, Alexandre; Shah, Syed Attique; Istok, Fister jr.; Ben Yahia, Sadok; Draheim, Dirk IEEE Access 2022 / p. 12792-12813 <https://doi.org/10.1109/ACCESS.2022.3142537> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

An analysis of human perception of partitions of numerical factor domains

Kaushik, Minakshi; Sharma, Rahul; Shahin, Mahtab; Arakkal Peious, Sijo; Draheim, Dirk Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics) ; Vol. 13635 LNCS 2022 / p. 137-144 https://doi.org/10.1007/978-3-031-21047-1_13 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

On Choosing the Columnar In-Memory Database Hyrise as High-Performant Implementation Platform for the Grandreport Tool

Arakkal Peious, Sijo; Kaushik, Minakshi; Shahin, Mahtab; Sharma, Rahul; Draheim, Dirk techrxiv.org 2025 / 7 p <http://doi.org/10.36227/techrxiv.174015861.15410981/v1>

Orchestration of serverless functions for scalable association rule mining with Apollo

Shahin, Mahtab; Janatian, Nasim; Poveda, Juan Aznar; Fahringer, Thomas; Ghasempouri, Tara; Shah, Syed Attique; Draheim, Dirk techrxiv.org 2024 / 20 p <https://doi.org/10.36227/techrxiv.172101151.16682756/v1>

Predicting student retention by comparing histograms of bootstrapping for Charnes-Cooper transformation-linear programming discriminant analysis

Übi, Jaan; Übi, Evald; Liiv, Innar; Vöhandu, Leo 2013 Second International Conference on e-Learning and e-Technologies in Education (ICEEE 2013) : proceedings of a meeting held 23-25 September 2013, Lodz, Poland 2013 / p. 110-114 : ill

Processor vulnerability detection with the aid of assertions : RISC-V case study

Heidari Iman, Mohammad Reza; Ahmadi-Pour, Sallar; Drechsler, Rolf; **Ghasempouri, Tara** techrxiv.org 2024 / p. 1-8 : ill
<https://doi.org/10.36227/techrxiv.172101134.45466090/v1>

Significant factors extraction : a combined logistic regression and apriori association rule mining approach

Shahin, Mahtab; Burtl, Markus; **Heidari Iman, Mohammad Reza; Ghasempouri, Tara; Sharma, Rahul;** Shah, Syed Attique; Draheim, Dirk Machine Learning Methods in Systems : proceedings of 13th Computer Science On-line Conference 2024 ; Vol. 4 2024 / p. 295-311 <https://link.springer.com/book/9783031705946> https://doi.org/10.1007/978-3-031-70595-3_30 [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

A systematic assessment of numerical association rule mining methods

Kaushik, Minakshi; Sharma, Rahul; Arakkal Peious, Sijo; Shahin, Mahtab; Ben Yahia, Sadok; Draheim, Dirk SN Computer Science 2021 / art. 348 <https://doi.org/10.1007/s42979-021-00725-2> [Journal metrics at Scopus](#) [Article at scopus](#)

Towards unification of statistical reasoning, OLAP and association rule mining : semantics and pragmatics

Sharma, Rahul; Kaushik, Minakshi; Arakkal Peious, Sijo; Shahin, Mahtab; **Draheim, Dirk** Database Systems for Advanced Applications : 27th International Conference, DASFAA 2022, Virtual Event, April 11–14, 2022 : proceedings. Part I 2022 / p. 596–603 https://doi.org/10.1007/978-3-031-00123-9_48 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)