

Autonomous design systems (ADS) in HVAC field : synergetics-based approach = Autonoomsed masinprojekteerimissüsteemid (ADS) kütte- ja ventilatsioonivaldkonnas : sünergeetikapõhine lähenemine
Loginov, Dmitri 2012 <https://digi.lib.ttu.ee/i/?811>

Blended antilock braking system control method for all-wheel drive electric sport utility vehicle
Aksjonov, Andrei; Vodovozov, Valery; Augsburg, Klaus; Petlenkov, Eduard Electrimacs 2019 : Selected Papers, Vol. 1 2020 / p. 229-241 https://doi.org/10.1007/978-3-030-37161-6_17 [Conference proceeding at Scopus](#) [Article at Scopus](#)

Combined method to visualize and reduce dimensionality of the financial data sets
Kirt, Toomas Databases and information systems : proceedings of the Fifth International Baltic Conference : Baltic DB & IS 2002 : Tallinn, June 3-6, 2002. Vol. 2 2002 / p. 255-262 : ill

Covering algorithms for a robot swarm with limited information = Katvusalgorithmid piiratud teadmusbasisiga robotiparvede jaoks
Puusepp, Andres 2017 <https://digi.lib.ttu.ee/i/?9124> https://www.ester.ee/record=b4694737*est

Developing autonomous robotic transport systems for hospitals and medical facilities : legal challenges
Kerikmäe, Tanel; Kajander, Aleksi Oskar Johannes; Hamulak, Ondrej; Mesarčik, Matuš; Andraško, Jozef; Liiv, Innar Icon 2023 / p. 88-104 <https://www.icohtec.org/icon/volume-28-issue-2-2023/> <https://doi.org/10.11590/icon.2023.2.04> [Journal metrics at Scopus](#) [Article at Scopus](#)

Development of cyber-physical production systems based on modelling technologies
Mahmood, Kashif; Karaulova, Tatjana; Otto, Tauno; Ševtšenko, Eduard Proceedings of the Estonian Academy of Sciences 2019 / p. 348-355 : ill http://www.kirj.ee/32601/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.4.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Graph coloring by self-organizing algorithm
Kirt, Toomas International transactions on systems science and applications 2006 / 3, p. 309-313 https://www.researchgate.net/publication/220675838_Graph_Coloring_by_Self-Organizing_Algorithm

An improved cooperative team spraying control of a diffusion process with a moving or static pollution source
Chen, Juan; Cui, Baotong; Chen, YangQuan; Zhuang, Bo IEEE/CAA Journal of Automatica Sinica 2020 / p. 494 - 504 : ill <https://doi.org/10.1109/JAS.2019.1911519>

Iseorganiseerumine innovatsiooni süsteemides
Kaasik-Aaslav, Kaur Haridus ja majandus : rahvusvahelise teaduskonverentsi materjalid : 16. mai 2002 2002 / lk. 14-17

Iseorganiseerumise ideestik ja ametniku pädevuse piirid
Rang, Patrick Halduskultuur 2001 : teaduskonverentsi materjalid 2002 / lk. 67-73 https://artiklid.elnet.ee/record=b2109933*est

Motivating company personnel by applying the semi-self-organized teams principle
Kumlander, Deniss Innovations in computing sciences and software engineering 2010 / p. 245-248 https://link.springer.com/chapter/10.1007/978-90-481-9112-3_41

The need for the historical understanding of nature in physics and chemistry
Näpinen, Leo Foundation of chemistry 2007 / 1, p. 65-84 <https://link.springer.com/article/10.1007/s10698-006-9018-6>

A PD-type iterative learning algorithm for semi-linear distributed parameter systems with sensors/actuators
Zhang, Jianxiang; Cui, Baotong; Jiang, Zhengxian; Chen, Juan IEEE Access 2019 / p. 159037-159047 : ill <https://doi.org/10.1109/ACCESS.2019.2950456> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Possibilities of modeling the creative part of engineering design process using the synergetic approach
Loginov, Dmitri International journal of mathematical models and methods in applied sciences 2011 / p. 95-104 : ill

Riiklik reguleeriv organisatsioon iseorganiseerumise paradigma valguses
Sirak, Rando Usaldus. Vastutus. Sidusus : Eesti sotsiaalteaduste III aastakonverents, 22.-23. novembril 2002 Tallinnas 2002 / lk. 354-357

Self-organizing approach to graph vertex colouring in the applications of ad hoc networks
Kirt, Toomas; Võhandu, Leo Proceedings of the 10th WSEAS Conference on Computers : Vouliagmeni, Athens, Greece, July 10-15, 2006 2006 / ? p https://www.researchgate.net/publication/262353001_Self-organizing_approach_to_graph_vertex_colouring_in_the_applications_of_ad_hoc_networks

Self-organizing scheduling in ad hoc networks
Kirt, Toomas; Võhandu, Leo WSEAS transactions on computers 2006 / 9, p. 1972-1977 <https://www.semanticscholar.org/paper/Self-Organization-in-Ad-Hoc-Networks%3A-Overview-and-Dressler/3cf7a89888d665136d43c09c1b181d12f5422c89>

Semi- and fully self-organised teams

Kumlander, Deniss Advanced techniques in computing sciences and software engineering 2010 / p. 257-261

<https://ui.adsabs.harvard.edu/abs/2010atcs.book..257K/abstract>

Sorting of bite vectors with help of self-organizing maps algorithm

Boiko, Uljana BEC 2004 : Baltic Electronics Conference : Post-Graduate Student Session : Tallinn University of Technology, October 3-6, 2004, Tallinn, Estonia 2004 / p. 10

Territoriaalne diferentseerumine ja iseorganiseerumine

Roosve, Rait Sotsiosünergeetika ja informaatika : vabariikliku teaduslik-praktilise seminari (Tallinn, 17. veebruar 1989. a.) teeside kogumik = Sociosynergetics and informatics : proceedings of the Republican Scientific Seminar held in Tallinn on Feb. 17., 1989 = Социосинергетика и информатика : сборник тезисов республиканского научно-практического семинара (Таллинн, 17 февраля 1989 г.) 1989 / lk. 56-58 https://www.ester.ee/record=b1204331*est

Towards time-awareness of self-organising systems [Electronic resource]

Mõtus, Leo; Meriste, Merik International Conference on Advances in Infrastructure for Electronic Business, Science, and Education on the Internet : SSGRR 2001 : L'Aquila, August 6-12, 2001 : proceedings 2001 / [6] p. : fot

Understanding of the world and the scientific paradigm of self-organization

Näpinen, Leo Proceedings of the 7th Summer Symposium of the International Society for the Philosophy of Chemistry : (Tartu, 16-20 August, 2003) 2004 / lk. 156-177 https://artiklid.elnet.ee/record=b2349774*est

Veekeerist, linnuparve ja majandust ühendab iseorganiseerumine

Kirt, Toomas; Pahapill, Hannes Horisont 2005 / 1, lk. 40-43 : ill https://artiklid.elnet.ee/record=b2038175*est

Проблема сложности и синергетика : философско-методологический анализ : учебное пособие

Mesimaa, Endel 1990 https://www.ester.ee/record=b1275420*est

Проблема сложности и синергетика : философско-методологический анализ (09.00.01) : автореферат ... кандидата философских наук

Mesimaa, Endel 1989 http://www.ester.ee/record=b1524223*est