

Acu, Ana-Maria; Başcanbaz-Tunca, Gülen; Rasa, Ioan. Information potential for some probability density functions : [review]

Henno, Jaak Zentralblatt MATH 2021 / Zbl 1465.94032 <https://zbmath.org/?q=an:07329309>

Additive manufacturing of CoCrFeMnNi high-entropy alloy/AISI 316L stainless steel bimetallic structures

Sokkalingam, Rathinavelu; Chao, Zhao; Sivaprasad, Katakam; Muthupandi, Veerappan; Jayaraj, Jayamani; Ramasamy, Parthiban; Eckert, Jürgen; **Prashanth, Konda Gokuldoss** Advanced engineering materials 2023 / art. 2200341

<https://doi.org/10.1002/adem.202200341> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Ahlsweide, R. Ahlsweide, A. (ed.); Althöfer, I. (ed.); Deppe, C. (ed.); Tamm, Ulrich (ed.). Identification and other probabilistic models. Rudolf Ahlsweide's lectures on information theory 6. Edited by Alexander Ahlsweide, Ingo Althöfer, Christian Deppe and Ulrich Tamm : [review]

Henno, Jaak Zentralblatt MATH 2021 / 1 p <https://zbmath.org/?q=an%3A7349483>

Alajaji, Fady; Chen, Po-Ning. An introduction to single-user information theory : [review]

Zentralblatt MATH 2018 / 1 p <https://zbmath.org/?q=06855952>

AlCo-rich AlCoNiFe and AlCoNiFeCr high entropy alloys: Synthesis and interaction pathway at high heating rates

Nazaretyan, K.; **Aydinyan, Sofiya**; Kirakosyan, H.; Moskovskikh, D.; Nepapushev, A.; Kuskov, K.; Tumanyan, M.; Zargaryan, A.; **Traksmaa, Rainer; Kharatyan, S.** Journal of alloys and compounds 2023 / art. 167589, 13 p

<https://doi.org/10.1016/j.jallcom.2022.167589> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Benmahmoud, Slimane. Some theoretical results on fractional-order continuous information measures : [review]

Henno, Jaak Zentralblatt MATH 2024 / 1p. <https://zbmath.org/1540.94044>

Ben-Naim, Arieh. Information theory. Part I : An introduction to the fundamental concepts : [review]

Zentralblatt MATH 2018 / 1 p <https://zbmath.org/?q=1392.94001>

Characterization of capillary electropherogram profiles of meat extracts by entropy

Sipp, Sirli; Koel, Mihkel; **Kaljurand, Mihkel** Proceedings of the Estonian Academy of Sciences. Chemistry 2000 / 4, p. 207-215 : ill

Combustion synthesis and reactive spark plasma sintering of non-equiatomic coal-based high entropy intermetallics

Kuskov, Kirill Vasilevich; Nepapushev, Andrey A.; **Aydinyan, Sofiya**; Shaysultanov, Dmitry G.; Stepanov, Nikita D.; Nazaretyan, Khachik; Kharatyan, Suren; Zakharova, Elena V.; Belov, Dmitry S.; Moskovskikh, Dmitry O. Materials 2023 / art. 1490

<https://doi.org/10.3390/ma16041490> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Comparing entropy/complexity of EEG during propofol and sevoflurane anesthesia at burst-suppression level

Ferenets, Rain; Lipping, Tarmo; Puumala, Pasi; Jäntti, Ville; Sonkajärvi, Eila; Heikkinen, Esa; Karvonen, Elina; Suominen, Katri The proceedings of 5th International Workshop on Biosignal Interpretation : September 6-8, 2005, Tokyo, Japan 2005 / p. 187-190 : ill

<https://researchportal.tuni.fi/en/publications/comparing-entropcomplexity-of-ee-g-during-propofol-and-sevoflurane>

Coutinho, Adriana; Lambert, Rodrigo; Rousseau, Jérôme. Matching strings in encoded sequences : [review]

Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://zbmath.org/?q=an:1442.94028>

Creating randomness with games

Henno, Jaak; Jaakkola, Hannu; Mäkelä, Jukka Acta Polytechnica Hungarica : journal of applied sciences at Budapest Polytechnic Hungary 2019 / p. 193-212 : ill

http://acta.uni-obuda.hu/Henno_Jaakkola_Makela_96.pdf <https://doi.org/10.12700/APH.16.9.2019.9.11> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Dissimilar welding of Al0.1CoCrFeNi high-entropy alloy and AISI304 stainless steel

Sokkalingam, Rathinavelu; Muthupandi, Veerappan; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss** Journal of materials research and technology 2019 / p. 2683-2694 : ill

<https://doi.org/10.1557/jmr.2019.186> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Distributed storage placement policy for minimizing frequency deviations: A combinatorial optimization approach based on enhanced cross-entropy method

Machlev, Ram; Chowdhury, Nilanjan Roy; **Belikov, Juri; Levron, Yoash** International Journal of Electrical Power and Energy

Systems 2022 / p. 1-14 : ill <https://doi.org/10.1016/j.ijepes.2021.107332> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Effects of hypoxia on the complexity of respiratory patterns during maturation

Akay, M.; **Lipping, Tarmo**; Moodie, K.; Hoopes, P.M. Early human development 2002 / p. 55-71

<https://www.sciencedirect.com/science/article/abs/pii/S0378378202000749>

Electron-beam welding of high-entropy alloy and stainless steel: microstructure and mechanical properties

Sokkalingam, Rathinavelu; Mastanaiah, P.; Muthupandi, Veerappan; Sivaprasad, Katakam; **Prashanth, Konda Gokuldoss** Materials and manufacturing processes 2020 / p. 1885-1894 <https://doi.org/10.1080/10426914.2020.1802045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Entropic analysis of finite state machines' networks

Fomina, Jelena; Keevallik, Andres; Sudnitsõn, Aleksander IEEE Design and Diagnostics of Electronic Circuits and Systems : Fifth International Workshop IEEE DDECS 2002, Brno, Czech Republic, April 17-19, 2002 : proceedings 2002 / p. 244-251 : ill

Entropy evaluations of information in finite state machines networks

Fomina, Jelena Proceedings of National Conference with International Participation : Stara Zagora 2002 : Stara Zagora, June 6-7, 2002. Vol. 1 2002 / p. 85-91

Entropy-constrained polar quantization : theory and an application to audio coding

Vafin, Renat; Kleijn, W.B. 2002 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : May 13-17, 2002 Renaissance Orlando Resort, Orlando, Florida, USA. Volume II 2002 / p. II-1837-II-1840 : ill
<https://ieeexplore.ieee.org/document/5744982>

Failure consequence evaluation of uncontrollable district heating network

Mao, Ding; Wang, Peng; **Ju, Yuchen;** Ni, Long Sustainable cities and society 2022 / art. 103593, 16 p. : ill
<https://doi.org/10.1016/j.scs.2021.103593> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Grounded multi-level computations

Henno, Jaak Information modelling and knowledge bases XXVI 2014 / p. 140-151 <https://doi.org/10.3233/978-1-61499-472-5-140>
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Grounded multi-level computations

Henno, Jaak 24th International Conference on Information Modelling and Knowledge Bases EJC 2014 : June 3-6 2014, Kiel, Hotel Birke, Germany 2014 / p. 178-189 : ill

High-entropy (Ti_{0.4}Ta_{0.4}V_{0.4}Nb_{0.4}Cr_{0.4})AlC MAX phase synthesized by sputtering : structural, thermal, and mechanical insights

Melkonyan, S.; Zakaryan, Marieta; Grigoryan, Y.; **Hussainova, Irina; Aydinyan, Sofiya;** Kharatyan, Suren JTACC+V4 2025 : 4th Journal of Thermal Analysis and Calorimetry Conference & 10th V4 (Joint Czech-Hungarian-Polish-Slovak) Thermoanalytical Conference : Book of Abstracts 2025 / p. 179 <https://static.akcongress.com/downloads/jtacc/jtacc2025/jtacc2025-boab.pdf>

Higuchi fractal dimension and spectral entropy as measures of depth of sedation in intensive care unit

Anier, Andres; Lipping, Tarmo; Melto, S.; Hovilehto, S. Proceedings of the 26th Annual International Conference of the IEEE Engineering in Medicine and Biology Society : San Francisco, CA, USA, September 1-5, 2004. Vol. 1 2004 / p. 526-529 : ill
<https://pubmed.ncbi.nlm.nih.gov/17271729/>

Irshad, Muhammed Rasheed; Maya, Radhakumari. Nonparametric log kernel estimator of entropy function : [review]

Henno, Jaak Zentralblatt MATH 2023 / 1 p. <https://zbmath.org/1527.94008>

Kayal, Suchandan; Balakrishnan, N. Weighted fractional generalized cumulative past entropy and its properties Methodol : [review]

Henno, Jaak Zentralblatt MATH 2023 / 1 p. <https://zbmath.org/1519.94015>

Maximum entropy chromatogram reconstruction

Kaljurand, Mihkel; Phillips, John B.; Dimandja, Jean-Marie D.; Valentin, Jose Chimia 1998 / 7/8, p. 338

Maximum entropy chromatogram reconstruction

Dimandja, Jean-Marie D.; **Kaljurand, Mihkel;** Phillips, John B.; Valentin, Jose Analytica chimica acta 1998 / p. 1-8: ill

Maximum entropy reconstruction of joint [phi], [psi]-distribution with a coil-library prior : the backbone conformation of the peptide hormone motilin in aqueous solution from [phi] and [psi]-dependent J-couplings

Massad, Tariq; Jarvet, Jüri; Tanner, Risto; **Tomson, Katrin; Smirnova, Julia; Palumaa, Peep;** Sugai, Mariko; Kohno, Toshiyuki; **Vanatalu, Kalju;** Damberg, Peter Journal of biomolecular NMR 2007 / 2, p. 107-123
https://www.researchgate.net/publication/6369716_Maximum_entropy_reconstruction_of_joint_phps-distribution_with_a_coil-library_prior_The_backbone_conformation_of_the_peptide_hormone_motilin_in_aqueous_solution_from_ph_and_ps-dependent_J-couplings

Measurement of structural differences in economics

Reimer, Vello 1999 https://www.ester.ee/record=b1331064*est

Muutused Eesti kõrghariduses

Uibo, Mari Usaldus. Vastutus. Sidusus : Eesti sotsiaalteaduste III aastakonverents, 22.-23. novembril 2002 Tallinnas 2002 / lk. 98-101

On information properties of covers

Lausmaa, Tõnu Proceedings of the Estonian Academy of Sciences. Physics. Mathematics 2005 / 1, p. 3-25 : ill
https://artiklid.elnet.ee/record=b2342068*est

On statistical conservation laws in smooth chaotic velocity fields

Ainsaar, Siim; Kalda, Jaan; Kree, Mihkel Bulletin of the American Physical Society 2017
<http://meetings.aps.org/Meeting/DFD17/Session/L29.11>

The preparation of high-entropy refractory alloys by aluminothermic reduction process

Kirakosyan, Hasmik; Nazaretyan, Khachik; Kharatyan, Anahit; **Aydinyan, Sofiya** Modern materials and manufacturing 2023 2024 / art. 040012 <https://doi.org/10.1063/5.0189206> Conference proceedings at Scopus Article at Scopus

Propagation of bankruptcy risk over scale-free economic networks

Andria, Joseph; di Tollo, Giacomo; **Kalda, Jaan** Entropy 2022 / art. 1713 <https://doi.org/10.3390/e24121713> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Solution combustion synthesis and spark plasma sintering of magnetic high entropy materials

Kirakosyan, Hasmik; Sargsyan, Armen; **Aydinyan, Sofiya**; Kharatyan, Suren CIMTEC 2022 : 15th International Ceramics Congress (June 20-24) CIMTEC 2022 : 9th Forum on New Materials (June 25-29) 2022 http://2022.cimtec-congress.org/focused-session-ca-11_1

Solution combustion synthesis of MnFeCoNiCu and (MnFeCoNiCu)₃O₄ high entropy materials and sintering thereof

Aydinyan, Sofiya; Kirakosyan, Hasmik; Sargsyan, Armen; **Volobujeva, Olga**; Kharatyan, Suren Ceramics International 2022 / p. 20294-20305 : ill <https://doi.org/10.1016/j.ceramint.2022.03.310> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

Stratonovich, Ruslan L. Theory of information and its value : [review]

Henno, Jaak Zentralblatt MATH 2020 / 1 p <https://zbmath.org/?q=an:07150966>

Unnikrishnan Nair, N.; Vineshkumar, B. Cumulative entropy and income analysis : [review]

Henno, Jaak zbMATH Open 2023 / 1 p <https://zbmath.org/07668276>

Xu, Ben; Deng, Yong Information volume of Z-number Inf. Sci. 608, 1617-1631 (2022).

Henno, Jaak Zentralblatt MATH 2024 / 2 p. <https://zbmath.org/pdf/07817267.pdf>

О теплогидравлической оптимизации конвективной поверхности теплообмена методом прироста энтропии

Käär, Harri; Touart, Raivo Проблемы работы котельных установок тепловых электростанций 1987 / с. 74-84

Обобщенная негэнтропия, ее поле и информационная среда

Liiv, Elmot 2001 https://www.ester.ee/record=b1551355*est

Однокомпонентные системы

Reile, Rein; Kallas, Juha Журнал прикладной химии 1985 / с. 1970-1974 : ил., табл https://www.ester.ee/record=b1182398*est

Теплогидравлическая оптимизация конвективных поверхностей нагрева по принципу минимального возрастания энтропии в условиях образования сыпучих отложений

Käär, Harri; Touart, Raivo Влияние минеральной части энергетических топлив на условия работы паровых котлов : тезисы докладов IV Всесоюзной конференции. Том IV, секция 3, Теплообмен в условиях загрязнения поверхностей нагрева и теплофизические свойства отложений 1986 / с. 132-136 https://www.ester.ee/record=b1217237*est

Энтропийный критерии выбора системы пар разбиении

Keevallik, Andres; Lausmaa, T. VIII Всесоюзное совещание по проблемам управления, Таллин, октябрь 1980 : список докладов не вошедших в сборники тезисов 1980 / с. [?] https://www.ester.ee/record=b2599905*est