

- ICP DAS USA Inc, 2024. Zigbee Wireless Modbus RTU Data Acquisition. https://www.icpdas-usa.com/zigbee_alliance_wireless_data_acquisition. [Accessed: Dec 30, 2024].
- Khezerloo D, Nedaie HA, Farhood B, et al., 2017. Optical computed tomography in PRESAGE® three-dimensional dosimetry: challenges and prospective. *J Cancer Res Ther*, 13(3):419-424. <https://doi.org/10.4103/0973-1482.202895>
- Khosravi Tanak A, Najafi M, Mohtashami Borzadaran GR, 2024. A new lifetime distribution by maximizing entropy: properties and applications. *Prob Eng Inf Sci*, 38(1):189-206. <https://doi.org/10.1017/S0269964823000062>
- Kiyani A, Abdollahzadeh M, Sadat Kiai SM, et al., 2011. Designing of a quadrupole Paul ion trap. *J Fusion Energy*, 30(4):291-293. <https://doi.org/10.1007/s10894-010-9369-9>
- Kondaveeti HK, Kumaravelu NK, Vanambathina SD, et al., 2021. A systematic literature review on prototyping with Arduino: applications, challenges, advantages, and limitations. *Comput Sci Rev*, 40:100364. <https://doi.org/10.1016/j.cosrev.2021.100364>
- Li SZ, Zhang YZ, Luo HY, et al., 2018. Race-condition-aware and hardware-oriented task partitioning and scheduling using entropy maximization. *IEEE Trans Parallel Distrib Syst*, 29(7):1587-1604. <https://doi.org/10.1109/TPDS.2017.2784829>
- Lisitsin DV, Gavrilov KV, 2024. The use of maximum entropy principle to construct robust estimators under point Bayesian contamination. Part I. *Appl Math Control Sci*, (1):55-72. <https://doi.org/10.15593/2499-9873/2024.1.04>
- Microchip Technology, n.d. Microchip Studio for AVR® and SAM Devices. Available at: <https://www.microchip.com/en-us/tools-resources/develop/microchip-studio>. [Accessed: Dec 5, 2024].
- Min-Allah N, Khan SU, Yongji W, 2012. Optimal task execution times for periodic tasks using nonlinear constrained optimization. *J Supercomput*, 59(3):1120-1138. <https://doi.org/10.1007/s11227-010-0506-z>
- Najmi HA, Moon TK, 2020. Advanced Signal Processing: A Concise Guide. McGraw-Hill, New York, USA.
- Rincón CA, Cheng AMK, 2017. Using information theory principles to schedule real-time tasks. Proc 51st Annual Conf on Information Sciences and Systems, p.1-6. <https://doi.org/10.1109/CISS.2017.7926091>
- Rincón CAC, Cheng AMK, 2018. SITSa-RT: an information theory inspired real-time multiprocessor scheduler. Proc IEEE 21st Int Symp on Real-Time Distributed Computing, p.156-163. <https://doi.org/10.1109/ISORC.2018.00032>
- Schäffler S, 2024. Mathematics of Information: Theory and Applications of Shannon-Wiener Information. Springer, Berlin, Heidelberg, Germany.
- Scharfenaker E, Yang J, 2020. Maximum entropy economics. *Eur Phys J Spec Top*, 229(9):1577-1590. <https://doi.org/10.1140/epjst/e2020-000029-4>
- Shannon CE, 1948. A mathematical theory of communication. *Bell Syst Tech J*, 27(3):379-423. <https://doi.org/10.1002/j.1538-7305.1948.tb01338.x>
- Sharma R, Nitin, 2013. Visualization of information theoretic maximum entropy model in real time distributed system. Proc 3rd Int Conf on Advances in Computing and Communications, p.282-286. <https://doi.org/10.1109/ICACC.2013.60>
- Ünsalın C, Gürhan HD, Yücel ME, 2022. Embedded Systems Design with ARM Cortex-M Microcontrollers: Applications with C, C++ and MicroPython. Springer, Cham, Switzerland. <https://doi.org/10.1007/978-3-030-88439-0>
- Wang KC, 2017. Embedded and Real-Time Operating Systems. Springer, Cham, Switzerland.
- Zafari A, Larsson E, Tillenius M, 2019. DuctTeip: an efficient programming model for distributed task-based parallel computing. *Parallel Comput*, 90:102582. <https://doi.org/10.1016/j.parco.2019.102582>
- Zirak A, 2023. XIRAC-Q: a near-real-time quantum operating system scheduling structure based on Shannon information theorem. *Quantum Inf Process*, 22(11):403. <https://doi.org/10.1007/s11128-023-04155-2>
- Zirak A, Beygi P, Mirzakhah S, 2017. Dynamic estimation of the modeling error statistics in Diffuse Optical Tomography. *Inverse Probl Sci Eng*, 25(4):492-505. <https://doi.org/10.1080/17415977.2016.1169280>
- Zirak AR, Roshani S, 2016. A reduced switch voltage stress class E power amplifier using harmonic control network. *Int J Adv Comput Sci Appl*, 7(5):38-42. <https://doi.org/10.14569/IJACSA.2016.070507>