

References

- [1] *2013 IEEE 21st International Symposium on Modelling, Analysis and Simulation of Computer and Telecommunication Systems*: IEEE, 2013.
- [2] *2015 IEEE 18th International Symposium on Real-Time Distributed Computing*: IEEE, 2015.
- [3] *2021 IEEE 27th Real-Time and Embedded Technology and Applications Symposium (RTAS)*: IEEE, 2021.
- [4] K. M. K. Abdelsalam, S. M. Khamis, H. M. Bahig, and H. M. Bahig, "A multicore-based algorithm for optimal multi-way number partitioning," *Int. j. inf. tecnol.*, vol. 15, no. 6, pp. 2929–2940, 2023, doi: 10.1007/s41870-023-01328-1.
- [5] H. Ben Abdallah, H. Gharsellaoui, and S. Bouamama, "A Novel Partitioning Approach for Real-Time Scheduling of Mixed-Criticality Systems," in *Proceedings of the 16th International Conference on Agents and Artificial Intelligence*, Rome, Italy, 2024, pp. 882–889.
- [6] P. Bhardwaj and V. Kumar, "An Effective Load Balancing Task Allocation Algorithm using Task Clustering," *IJCA*, vol. 77, no. 7, pp. 32–39, 2013, doi: 10.5120/13410-1064.
- [7] G. C. Buttazzo, *Hard Real-Time Computing Systems*. Boston, MA: Springer US, 2011.
- [8] A. Crespo, M. Masmano, J. Coronel, S. Peiró, P. Balbastre, and J. Simó, "Multicore partitioned systems based on hypervisor," *IFAC Proceedings Volumes*, vol. 47, no. 3, pp. 12293–12298, 2014, doi: 10.3182/20140824-6-ZA-1003.02410.
- [9] Z. Dong, J. Wang, G. F. Riley, and S. Yalamanchili, "A Study of the Effect of Partitioning on Parallel Simulation of Multicore Systems," in *2013 IEEE 21st International Symposium on Modelling, Analysis and Simulation of Computer and Telecommunication Systems*, San Francisco, CA, USA, 2013, pp. 375–379.
- [10] "Fixed-Priority Multiprocessor Scheduling with Liu & Layland's Utilization Bound,"
- [11] Jane W. S. Liu, "real-time systems,"
- [12] H. Kopetz, *Real-Time Systems*. Boston, MA: Springer US, 2011.
- [13] "On real-time partitioned multicore systems,"
- [14] *Proceedings of the 16th International Conference on Agents and Artificial Intelligence*: SCITEPRESS - Science and Technology Publications, 2024.
- [15] N. Saranya and R. C. Hansdah, "Dynamic Partitioning Based Scheduling of Real-Time Tasks in Multicore Processors," in *2015 IEEE 18th International Symposium on Real-Time Distributed Computing*, Auckland, New Zealand, 2015, pp. 190–197.
- [16] V. Sarkar, "Partitioning and scheduling parallel programs for multiprocessors,"
- [17] "Scheduling Algorithms for Multiprogramming in a Hard- Real-Time Environment,"
- [18] J. Wang, T. Zhang, D. Shen, X. S. Hu, and S. Han, "APaS: An Adaptive Partition-Based Scheduling Framework for 6TiSCH Networks," in *2021 IEEE 27th Real-Time and Embedded Technology and Applications Symposium (RTAS)*, Nashville, TN, USA, 2021, pp. 320–332.