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| Authors Name | Paper Title | Techniques | Findings | Year |
| Lei Huang, Zhong Liu, Zhi Liu | An Improved Lowest-level Best-Fit Algorithm with Memory for the 2D Rectangular Packing Problem | Best-Fit | -Heuristic placement algorithm is based on three heuristic rules LLLBF, WHBF, LL, and combined with PSO algorithm.  -Three new heuristic rules (ILBF) which belong to the class of packing procedure that preserve lowest-level best-fit first. | 2014 |
| Dayong Cao1, V. M. Kotov | A best-fit heuristic algorithm for two-dimensional bin packing problem | Best-Fit | - Two-dimensional bin packing problem is to minimize the number of the used large rectangles for packing a set of small rectangles (items).  - heuristic algorithm could obtain better and reliable results for almost all test instances in less time than some classical algorithms. | 2011 |
| Ziqian Dong, Wenjie Zhuang, Roberto Rojas-Cessa | Delayed Best-Fit Task Scheduling to ReduceEnergy Consumption in Cloud Data Centers | Best-Fit | - Reducing energy consumption of cloud data centeris critical for its sustainable growth.  - delayed best-fit task-scheduling scheme reduces datacenter energy consumption by 15% of that attained by the best-fitalgorithm on the same trace, without compromising the averagetask completion time. | 2019 |
| Xuehong Sun', Yunheo Lit, Ioannis Lambadarist and Yiqiang Q. Zhao' | Performance Analysis of First-Fit Wavelength Assignment Algorithm in Optical Networks | First-Fit | - new analytical technique for the performance analysis of optical networks which uses the first- fit algorithm for wavelength assignment | 2003 |
| Asmaa Bengueddach, Smail Niar, Bouziane Beldjilali | Online First Fit Algorithm for Modeling the Problem of Configurable Cache Architecture | First-Fit  Worst-Fit | - Customizing the cache configuration: number of line, line size and associativity to a particular program needs is well known to have tremendous benefits for performance and energy. | 2011 |
| A. Amudha, IEEE member and Dr. C. Christober Asir Rajan | Effect of Reserve in profit based unit commitment using Worst Fit Algorithm | Worst-Fit | -MMA(Memory Management Algorithm) uses Worst Fit allocation for generator scheduling in order to receive the maximum profit in large scale power system by considering the softer demand.  - Also this method gives an idea regarding how much power and reserve should be sold in markets. | 2011 |
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2. D. Cao and V. M. Kotov, "A best-fit heuristic algorithm for two-dimensional bin packing problem," Proceedings of 2011 International Conference on Electronic & Mechanical Engineering and Information Technology, Harbin, 2011, pp. 3789-3791.
3. Ziqian Dong, Wenjie Zhuang, Roberto Rojas-Cessa ,Delayed Best-Fit Task Scheduling to ReduceEnergy Consumption in Cloud Data Centers, 978-1-7281-2980-8/19/$31.00 ©2019 IEEE
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5. Bengueddach, S. Niar and B. Beldjilali, "Online First Fit Algorithm for modeling the problem of configurable cache architecture," ICM 2011 Proceeding, Hammamet, 2011, pp. 1-6.
6. A. Amudha and C. C. Asir Rajan, "Effect of Reserve in Profit Based Unit Commitment Using Worst Fit Algorithm," 2011 International Conference on Process Automation, Control and Computing, Coimbatore, 2011, pp. 1-7. doi: 10.1109/PACC.2011.5978990