

## REFERENCES

- Afzal, S., & Kavitha, G. “Load Balancing in Cloud Computing – A Hierarchical Taxonomical Classification”. *Journal of Cloud Computing* (2019): 1-24. doi:10.1186/s13677-019-0146-7.
- Afzal, S., & Kavitha, G., “Optimization of Task Migration Cost in Infrastructure Cloud Computing using IMDLB Algorithm,” in *2018 International Conference on Circuits and Systems in Digital Enterprise Technology, ICCSDET 2018* (2018). [e-journal] doi: 10.1109/ICCSDET.2018.8821193 (accessed 7 December 2020)
- Apache. *Elements of a Test Plan* (n.d). [https://jmeter.apache.org/usermanual/test\\_plan.html](https://jmeter.apache.org/usermanual/test_plan.html) (accessed March 19, 2021).
- Calzarossa, M., Vedova, M., Massari, L., Petcu, D., Tabash, M., Tessera, D. “Workloads in the Clouds”. *Springer Series in Reliability Engineering*, (2016): 525–550, doi:10.1007/978-3-319-30599-8\_20.
- Cantarino, I., Carrion, M. A., Goerlich, F., & Martinez Ibañez, V. (2019). A ROC analysis-based classification method for landslide susceptibility maps. *Landslides*. <https://doi.org/10.1007/s10346-018-1063-4>
- Caelen, O. (2017). A Bayesian interpretation of the confusion matrix. *Annals of Mathematics and Artificial Intelligence*. <https://doi.org/10.1007/s10472-017-9564-8>
- Dave, S., & Maheta, P. “Utilizing Round Robin Concept for Load Balancing Algorithm at Virtual Machine Level in Cloud Environment”. *International Journal of Computer Applications* 94, no. 4 (2014): 23–29. doi:10.5120/16332-5612.
- Deng et al., An improved method to construct basic probability assignment based on the confusion matrix for classification problem, *Information Sciences* (2016), <http://dx.doi.org/10.1016/j.ins.2016.01.033>
- Fawcett, T. (2006). An introduction to ROC analysis. *Pattern Recognition Letters*. <https://doi.org/10.1016/j.patrec.2005.10.010>
- Floyd, S., & Paxson, V. “Difficulties in Simulating the Internet.” *IEEE/ACM Transactions on Networking* 9, no. 4 (2001): 392-403. doi:10.1109/90.944338.

- Hasnain, M., Pasha, M. F., Ghani, I., Imran, M., Alzahrani, M. Y., & Budiarto, R. (2020). Evaluating Trust Prediction and Confusion Matrix Measures for Web Services Ranking. *IEEE Access*. <https://doi.org/10.1109/ACCESS.2020.2994222>
- Herbst, N. R., Kounev, S., & Reussner, R. (2013). Elasticity in Cloud Computing : What It Is , and What It Is Not. *10th International Conference on Autonomic Computing*, pp. 23-27. <https://www.usenix.org/conference/icac13/technical-sessions/presentation/herbst>
- Iyer R., Tewari V., Kant K. “Overload Control Mechanisms for Web Servers,” *Proceedings of the International Conference on the Performance and QoS of Next Generation Networking* (2000) [https://doi.org/10.1007/978-1-4471-0705-7\\_13](https://doi.org/10.1007/978-1-4471-0705-7_13)
- Jansen, R., & Brenner, P. “Energy Efficient Virtual Machine Allocation in the Cloud: An Analysis of Cloud Allocation Policies.” *2011 International Green Computing Conference and Workshops, IGCC 2011* (2011): 1–8, doi:10.1109/IGCC.2011.6008550.
- Kansal, N., Chana, I. (2012). Cloud Load Balancing Techniques: A Step Towards Green Computing. *International Journal of Computer Science Issues*, 9(1):238-246. <http://citeseerx.ist.psu.edu/viewdoc/summary?doi=10.1.1.402.8703>
- Liu, Z., Niclausse, N., Jalpa-Villanueva, C. “Traffic Model and Performance Evaluation of Web Servers.” *Performance Evaluation* 46, (2001): 77-100, doi:10.1016/S0166-5316(01)00046-3.
- Majnik, M., & Bosnić, Z. (2013). ROC analysis of classifiers in machine learning: A survey. In *Intelligent Data Analysis*. <https://doi.org/10.3233/IDA-130592>
- Mishra, S., Sahoo, B., & Parida, P. “Load Balancing in Cloud Computing: A Big Picture.” *Journal of King Saud University - Computer and Information Sciences* 32, no. 2 (2020): 149–158. doi:10.1016/j.jksuci.2018.01.003.
- Moghaddam, F. F., M. B. Rohani, M. Ahmadi, T. Khodadadi, and K. Madadipouya, “Cloud computing: Vision, architecture and Characteristics,” in *Proceedings - 2015 6th IEEE Control and System Graduate Research Colloquium, ICSGRC 2015* (2015). doi: 10.1109/ICSGRC.2015.7412454
- Nasser, H., & Witono, T. “Analisis Algoritma Round Robin, Least Connection, dan Ratio Pada Load Balancing Menggunakan Opnet Modeler.” *Jurnal Informatika* 12, no. 1 (2016):25-32, doi:10.21460/inf.2016.121.455.

- Pal, S., & Pattnaik, B. "Classification of Virtualization Environment for Cloud Computing." *Indian Journal of Science and Technology* 6, no. 1 (2013): 127-133. doi:10.17485/ijst/2013/v6i1.21.
- Pal, S., Mohanty, S., Pattnaik, P., & Mund, G. "A Virtualization Model for Cloud Computing." *Proceedings of International Conference on Advances in Computer Science* (2012): 11-17. Available from <https://citeseerx.ist.psu.edu/viewdoc/download?doi=10.1.1.679.6242&rep=rep1&type=pdf>.
- Prasetijo, A., Widianto, E., and Hidayatullah, E. "Performance comparisons of web server load balancing algorithms on HAProxy and Heartbeat," in *Proceedings - 2016 3rd International Conference on Information Technology, Computer, and Electrical Engineering, ICITACEE 2016* (2016). doi: 10.1109/ICITACEE.2016.7892478.
- Rahmana, D., Primananda, R., & Yahya, W. "Analisis Load Balancing pada Web Server Menggunakan Algoritme Weighted Least Connection." *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer* 2, no. 3 (2018): 915-920. Available from <http://j-ptik.ub.ac.id/index.php/j-ptik/article/download/1010/382>.
- Rajeshkannan, R. and Aramudhan, M., "Comparative study of load balancing algorithms in cloud computing environment," *Indian J. Sci. Technol.*, (2016). doi: 10.17485/ijst/2016/v9i20/85866.
- Shakir, Muhammad and Razzaque, A., "Performance comparison of load balancing algorithms using cloud analyst in cloud computing," in *2017 IEEE 8th Annual Ubiquitous Computing, Electronics and Mobile Communication Conference, UEMCON 2017* (2017). doi: 10.1109/UEMCON.2017.8249108.
- Singh, S., & Chana, I. "Metrics Based Workload Analysis Technique for IaaS." *International Conference on Next Generation Computing and Communication Technologies* (2014): 1–6, Available from <http://arxiv.org/abs/1411.6753%5Cnhttp://dblp.uni-trier.de/rec/bib/journals/corr/SinghC14a>.
- Stryer, Paul. (2010). *Understanding Data Centers and Cloud Computing*. Global Knowledge Training LLC. [http://viewer.media.bitpipe.com/1078177630\\_947/1267474882\\_422/WP\\_DC\\_DataCenterCloudComputing1.pdf](http://viewer.media.bitpipe.com/1078177630_947/1267474882_422/WP_DC_DataCenterCloudComputing1.pdf)
- Yuusuf, H., & Vidalis, S. "On the Road to Virtualized Environment." *Proceedings - 3rd International Conference on Emerging Intelligent Data and Web Technologies, EIDWT 2012* (2012): 270-275. doi:10.1109/EIDWT.2012.42.