

DAFTAR PUSTAKA

- Abdoh, S. F., Abo Rizka, M., & Maghraby, F. A. (2018). Cervical cancer diagnosis using random forest classifier with SMOTE and feature reduction techniques. *IEEE Access*, 6, 59475–59485. <https://doi.org/10.1109/ACCESS.2018.2874063>
- Almomani, I., Al-Kasasbeh, B., & Al-Akhras, M. (2016). WSN-DS: A Dataset for Intrusion Detection Systems in Wireless Sensor Networks. *Journal of Sensors*, 2016(January). <https://doi.org/10.1155/2016/4731953>
- Almomani, I., & Mamdouh, A. (2018). Efficient Denial of Service Attacks Detection in Wireless Sensor Networks. *Journal of Information Science and Engineering*, 34(July). [https://doi.org/10.6688/JISE.201807_34\(4\).0011](https://doi.org/10.6688/JISE.201807_34(4).0011)
- Breiman, L. (2001). Random forests. *Machine Learning*, 45(1), 5–32. <https://doi.org/10.1023/A:1010933404324>
- Chawla, N. V., Bowyer, K. W., Hall, L. O., & Kegelmeyer, W. P. (2002). SMOTE: Synthetic minority over-sampling technique. *Journal of Artificial Intelligence Research*, 16(January), 321–357. <https://doi.org/10.1613/jair.953>
- Chiu, M.-H., Yu, Y.-R., Liaw, H., & Chun-Hao, L. (2016). *the Use of Facial Micro-Expression State and Tree-Forest Model for Predicting Conceptual-Conflict Based Conceptual Change*. January.
- Dang, Q. (2019). *Studying machine learning techniques for intrusion detection systems To cite this version : HAL Id : hal-02306521*.
- Daviran, M., Maghsoudi, A., Ghezelbash, R., & Pradhan, B. (2021). Computers and Geosciences A new strategy for spatial predictive mapping of mineral prospectivity : Automated hyperparameter tuning of random forest approach. *Computers and Geosciences*, 148(May 2020), 104688. <https://doi.org/10.1016/j.cageo.2021.104688>
- Gu, Y., Li, K., Guo, Z., & Wang, Y. (2019). Semi-Supervised K-Means DDoS Detection Method Using Hybrid Feature Selection Algorithm. *IEEE Access*, 7(June), 64351–64365. <https://doi.org/10.1109/ACCESS.2019.2917532>
- Guleria, P., Thakur, N., & Sood, M. (2014). Predicting student performance using decision tree classifiers and information gain. *Proceedings of 2014 3rd International Conference on Parallel, Distributed and Grid Computing, PDGC 2014*, 126–129. <https://doi.org/10.1109/PDGC.2014.7030728>
- Gunduz, S., Arslan, B., & Demirci, M. (2015). *A Review of Machine Learning Solutions to Denial-of- Services Attacks in Wireless Sensor Networks*. <https://doi.org/10.1109/ICMLA.2015.202>
- Jino Ramson, S. R., & Moni, D. J. (2017). *Applications of wireless sensor networks — A survey*. November 2017, 325–329.

<https://doi.org/10.1109/icieeimt.2017.8116858>

- Kim, H., Benson, T., Akella, A., & Feamster, N. (2011). *The evolution of network configuration*. 499. <https://doi.org/10.1145/2068816.2068863>
- Kocakulak, M., & Butun, I. (2017). *An Overview of Wireless Sensor Networks*. 35(Cncs), 6–10.
- Lima Filho, F. S. De, Silveira, F. A. F., De Medeiros Brito Junior, A., Vargas-Solar, G., & Silveira, L. F. (2019). Smart Detection: An Online Approach for DoS/DDoS Attack Detection Using Machine Learning. *Security and Communication Networks*, 2019. <https://doi.org/10.1155/2019/1574749>
- Marlon, E., Pinto, D. L., Lachowski, R., Pellenz, M. E., Penna, M. C., Souza, R. D., & Catarina, S. (2018). *A Machine Learning Approach for Detecting Spoofing Attacks in Wireless Sensor Networks*. <https://doi.org/10.1109/AINA.2018.00113>
- Modieginyane, K. M., Letswamotse, B. B., Malekian, R., & Abu-Mahfouz, A. M. (2017). Software defined wireless sensor networks application opportunities for efficient network management: A survey. *Computers and Electrical Engineering*, 66, 274–287. <https://doi.org/10.1016/j.compeleceng.2017.02.026>
- Mourabit, Y. El, Toumanari, A., Bouirden, A., & Moussaid, N. El. (2015). Intrusion Detection Techniques in Wireless Sensor Network using Data Mining Algorithms: Comparative Evaluation Based on Attacks Detection. *International Journal of Advanced Computer Science and Applications*, 6(9), 164–172. <https://doi.org/10.14569/ijacsa.2015.060922>
- Osanaiye, O. A., Alfa, A. S., & Hancke, G. P. (2018). Denial of Service Defence for Resource Availability in Wireless Sensor Networks. *IEEE Access*, 6, 6975–7004. <https://doi.org/10.1109/ACCESS.2018.2793841>
- Probst, P., & Wright, M. N. (2019). *Hyperparameters and tuning strategies for random forest*. November 2018, 1–15. <https://doi.org/10.1002/widm.1301>
- Radhappa, H., Pan, L., Xi Zheng, J., & Wen, S. (2017). Practical overview of security issues in wireless sensor network applications. *International Journal of Computers and Applications*, 40(4), 202–213. <https://doi.org/10.1080/1206212X.2017.1398214>
- Revathi, G. K., & Anjana, S. (2019). Hybrid intrusion detection using machine learning for wireless sensor networks. *International Journal of Innovative Technology and Exploring Engineering*, 8(12), 4867–4871. <https://doi.org/10.35940/ijitee.L3721.1081219>
- Scornet, E. (2018). *Tuning Parameters in Random Forest*. 60(2001), 144–162.
- Starovoitov, V. V., & Golub, Y. I. (2020). New Function for Estimating Imbalanced Data Classification Results. *Pattern Recognition and Image Analysis*, 30(3), 295–302. <https://doi.org/10.1134/S105466182003027X>

- Tan, X., Su, S., Huang, Z., Guo, X., Zuo, Z., Sun, X., & Li, L. (2019). Wireless sensor networks intrusion detection based on SMOTE and the random forest algorithm. *Sensors (Switzerland)*, *19*(1). <https://doi.org/10.3390/s19010203>
- Tao, W., Honghui, F., HongJin, Z., CongZhe, Y., HongYan, Z., & XianZhen, H. (2021). *Intrusion Detection System Combined Enhanced Random Forest With Smote Algorithm*. 1–30.
- Wankhede, S., & Kshirsagar, D. (2018). DoS Attack Detection Using Machine Learning and Neural Network. *Proceedings - 2018 4th International Conference on Computing, Communication Control and Automation, ICCUBEA 2018*. <https://doi.org/10.1109/ICCUBEA.2018.8697702>