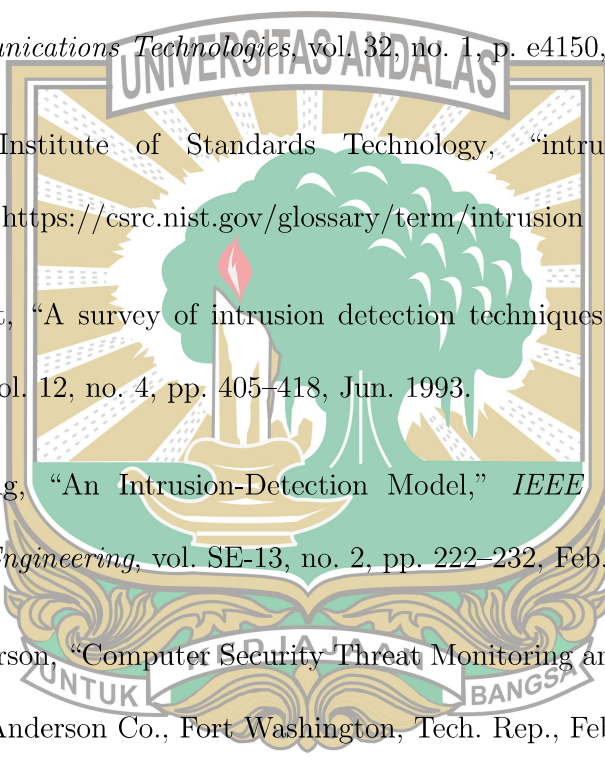


DAFTAR PUSTAKA

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- [1] Z. Ahmad, A. Shahid Khan, C. Wai Shiang, J. Abdullah, and F. Ahmad, “Network intrusion detection system: A systematic study of machine learning and deep learning approaches,” *Transactions on Emerging Telecommunications Technologies*, vol. 32, no. 1, p. e4150, Jan. 2021.
- [2] National Institute of Standards Technology, “intrusion.” [Online]. Available: <https://csrc.nist.gov/glossary/term/intrusion>
- [3] T. F. Lunt, “A survey of intrusion detection techniques,” *Computers & Security*, vol. 12, no. 4, pp. 405–418, Jun. 1993.
- [4] D. Denning, “An Intrusion-Detection Model,” *IEEE Transactions on Software Engineering*, vol. SE-13, no. 2, pp. 222–232, Feb. 1987.
- [5] J. P. Anderson, “Computer Security Threat Monitoring and Surveillance,” James P. Anderson Co., Fort Washington, Tech. Rep., Feb. 1980.
- [6] J. McHugh, “The 1998 Lincoln Laboratory IDS Evaluation,” in *Recent Advances in Intrusion Detection*, G. Goos, J. Hartmanis, J. Van Leeuwen, H. Debar, L. Mé, and S. F. Wu, Eds. Berlin, Heidelberg: Springer Berlin Heidelberg, 2000, vol. 1907, pp. 145–161, series Title: Lecture Notes in Computer Science.

- [7] J. Dickerson, J. Juslin, O. Koukousoula, and J. Dickerson, “Fuzzy intrusion detection,” in *Proceedings Joint 9th IFSA World Congress and 20th NAFIPS International Conference (Cat. No. 01TH8569)*, vol. 3. Vancouver, BC, Canada: IEEE, 2001, pp. 1506–1510.
- [8] X. Gao, C. Shan, C. Hu, Z. Niu, and Z. Liu, “An Adaptive Ensemble Machine Learning Model for Intrusion Detection,” *IEEE Access*, vol. 7, pp. 82 512–82 521, 2019.
- [9] C. Yin, Y. Zhu, J. Fei, and X. He, “A Deep Learning Approach for Intrusion Detection Using Recurrent Neural Networks,” *IEEE Access*, vol. 5, pp. 21 954–21 961, 2017.
- [10] W. Jo, S. Kim, C. Lee, and T. Shon, “Packet Preprocessing in CNN-Based Network Intrusion Detection System,” *Electronics*, vol. 9, no. 7, p. 1151, Jul. 2020.
- [11] T. G. Robertazzi, *Introduction to Computer Networking*. Cham: Springer International Publishing, 2017.
- [12] A. S. Tanenbaum and D. Wetherall, *Computer networks*. Boston: Pearson Prentice Hall, 2011, oCLC: ocn660087726.
- [13] V. Hnamte, A. A. Najar, H. Nhung-Nguyen, J. Hussain, and M. N. Sugali, “DDoS attack detection and mitigation using deep neural network in SDN environment,” *Computers & Security*, vol. 138, p. 103661, Mar. 2024.



- [14] B. Hartpence and A. Kwasinski, "Combating TCP Port Scan Attacks Using Sequential Neural Networks," in *2020 International Conference on Computing, Networking and Communications (ICNC)*. Big Island, HI, USA: IEEE, Feb. 2020, pp. 256–260.
- [15] V. Grover, "An Efficient Brute Force Attack Handling Techniques for Server Virtualization," *SSRN Electronic Journal*, 2020.
- [16] A. Qureshi, "Botnet Attacks: Characteristics and Detection Techniques," *SSRN Electronic Journal*, 2023.
- [17] S. J. Y. Weamie, "Cross-Site Scripting Attacks and Defensive Techniques: A Comprehensive Survey," *International Journal of Communications, Network and System Sciences*, vol. 15, no. 08, pp. 126–148, 2022.
- [18] A. Paul, V. Sharma, and O. Olukoya, "SQL injection attack: Detection, prioritization & prevention," *Journal of Information Security and Applications*, vol. 85, p. 103871, Sep. 2024.
- [19] OWASP, "SQL Injection." [Online]. Available: <https://owasp.org/www-community/attacks/SQLInjection>
- [20] I. A. Solomon, A. Jatain, and S. B. Bajaj, "Intrusion Detection System Using Deep Learning," *Asian Journal of Computer Science and Technology*, vol. 8, no. 2, pp. 105–110, May 2019.
- [21] R. Qamar and B. Ali Zardari, "Artificial Neural Networks: An Overview," *Mesopotamian Journal of Computer Science*, pp. 130–139, Aug. 2023.

- [22] A. Prieto, B. Prieto, E. M. Ortigosa, E. Ros, F. Pelayo, J. Ortega, and I. Rojas, “Neural networks: An overview of early research, current frameworks and new challenges,” *Neurocomputing*, vol. 214, pp. 242–268, Nov. 2016.
- [23] F. Sohil, M. U. Sohali, and J. Shabbir, *An introduction to statistical learning with applications in R: by Gareth James, Daniela Witten, Trevor Hastie, and Robert Tibshirani, New York, Springer Science and Business Media, 2013, \$41.98, eISBN: 978-1-4614-7137-7*, Jan. 2022, vol. 6.
- [24] O. Elharrouss, Y. Mahmood, Y. Bechqito, M. A. Serhani, E. Badidi, J. Riffi, and H. Tairi, “Loss Functions in Deep Learning: A Comprehensive Review,” Apr. 2025, arXiv:2504.04242 [cs].
- [25] O. A. Montesinos López, A. Montesinos López, and J. Crossa, *Multivariate Statistical Machine Learning Methods for Genomic Prediction*. Cham: Springer International Publishing, 2022.
- [26] A. Pajankar and A. Joshi, *Hands-on Machine Learning with Python: Implement Neural Network Solutions with Scikit-learn and PyTorch*. Berkeley, CA: Apress, 2022.
- [27] C. C. Aggarwal, *Neural Networks and Deep Learning: A Textbook*. Cham: Springer International Publishing, 2018.
- [28] S. Ruder, “An overview of gradient descent optimization algorithms,” Jun. 2017, arXiv:1609.04747 [cs].

- [29] M. Sethi, “A Comprehensive Review of Optimizers in Deep Learning: Significance and Challenges.” *International Journal of Research and Analytical Reviews*, vol. 6, no. 2, 2019.

