DAFTAR PUSTAKA

[1] U. A. Md. Ehsan Ali, E. Ali, Md. Sohrawordi, and Md. N. Sultan, "A LSB Based Image Steganography Using Random Pixel and Bit Selection for High Payload," *International Journal of Mathematical Sciences and Computing*, vol. 7, no. 3, pp. 24–31, Aug. 2021, doi: 10.5815/ijmsc.2021.03.03.

[2] I. F. Ramadhan, N. J. De La Croix, T. Ahmad, and A. Uzamurengera, "Huffman coding-based data reduction and quadristego logic for secure image steganography," *Engineering Science and Technology, an International Journal*, vol. 65, May 2025, doi: 10.1016/j.jestch.2025.102033.

[3] A. A. Zakaria, M. Hussain, A. W. A. Wahab, M. Y. I. Idris, N. A. Abdullah, and K. H. Jung, "High-capacity image steganography with minimum modified bits based on data mapping and LSB substitution," *Applied Sciences (Switzerland)*, vol. 10, no. 11, Nov. 2018, doi: 10.3390/app8112199.

[4] S. Shrinivas, G. K. Varun, and P. Thiagarajan, "Integrating AES-GCM, ECC, and Steganography for Enhanced Confidential Communication," in *2024 International Conference on Electrical, Electronics and Computing Technologies, ICEECT 2024*, Institute of Electrical and Electronics Engineers Inc., 2024. doi: 10.1109/ICEECT61758.2024.10739020.

[5] M. Njoum, R. Sulaiman, Z. Shukur, and F. Qamar, "High-Secured Image LSB Steganography Using AVL-Tree with Random RGB Channel Substitution," *Computers, Materials and Continua*, vol. 81, no. 1, pp. 183–211, 2024, doi: 10.32604/cmc.2024.050090.

[6] P. K. Baidoo, "Comparative Analysis of the Compression of Text Data Using Huffman, Arithmetic, Run-Length, and Lempel Ziv Welch Coding Algorithms," *Journal of Advances in Mathematics and Computer Science*, vol. 38, no. 9, pp. 144–156, Aug. 2023, doi: 10.9734/jamcs/2023/v38i91812.

[7] M. Alif, M. N. Fauzan, C. Prianto, and M. N. Fauzan, "Comparison of Huffman Algorithm and Lempel Ziv Welch Algorithm in Text File Compression," *Journal Research and Development (ITJRD)*, vol. 7, no. 2, 2023, doi: 10.25299/itjrd.2022.10437.

[8] M. S. Turan, K. A. McKay, D. Chang, J. Kang, and J. Kelsey, "Ascon-based lightweight cryptography standards for constrained devices :," Aug. 2025. doi: 10.6028/NIST.SP.800-232.

[9] Q. Fu, Y. Luo, Q. Yang, and L. Song, "Preimage and collision attacks on reduced Ascon using algebraic strategies," *Cybersecurity*, vol. 8, no. 1, Dec. 2025, doi: 10.1186/s42400-024-00340-7.

[10] Janner Simarmata, Robbi Rahim, and Sriadhi, "Kriptografi : teknik keamanan data & informasi," *Kriptografi : teknik keamanan data & informasi*, pp. 0–392, 2019, Accessed: Mar. 31, 2026. [Online]. Available: https://openlibrary.telkomuniversity.ac.id/pustaka/226028/kriptografi-teknik-keamanan-data-informasi.html

[11] William. Stallings, *Cryptography and network security : principles and practice*, 8th ed. Pearson, 2020.

[12] C. Luca, "The Role of Cryptography in Securing Digital Infrastructure," 2025. [Online]. Available: https://www.researchgate.net/publication/392162400

[13] "Advanced Encryption Standard (AES)," May 2023. doi: 10.6028/NIST.FIPS.197-upd1.

[14] D. A. Mcgrew and J. Viega, "The Galois/Counter Mode of Operation (GCM)."

[15] M. J. Dworkin, "Recommendation for block cipher modes of operation :," Gaithersburg, MD, 2007. doi: 10.6028/NIST.SP.800-38d.

[16] Sabah Abdulazeez Jebur, Abbas Khalifa Nawar, Lubna Emad Kadhim, and Mothefer Majeed Jahefer, "Hiding Information in Digital Images Using LSB Steganography Technique," vol. Vol. 17, Nov. 2023, doi: doi.org/10.3991/ijim.v17i07.38737.

[17] R. Apau, M. Asante, F. Twum, J. Ben Hayfron-Acquah, and K. O. Peasah, "Image steganography techniques for resisting statistical steganalysis attacks: A systematic literature review," *PLoS One*, vol. 19, no. 9 September, Sep. 2024, doi: 10.1371/journal.pone.0308807.

[18] E. Almaraz Luengo and J. Román Villaizán, "Cryptographically Secured Pseudo-Random Number Generators: Analysis and Testing with NIST Statistical Test Suite," *Mathematics*, vol. 11, no. 23, Dec. 2023, doi: 10.3390/math11234812.

[19] R. Álvarez, F. Martínez, and A. Zamora, "Improving the Statistical Qualities of Pseudo Random Number Generators," *Symmetry (Basel).*, vol. 14, no. 2, Feb. 2022, doi: 10.3390/sym14020269.

[20] Mangaras Yanu F., Bambang Yuwono, and Dessyanto Boedi P., "Dasar Pengelolaan Citra Digital," 2022.

[21] X. Song, S. Zhang, J. Yang, and J. Zhang, "Research on Luggage Package Extraction of X-ray Images Based on Edge Sensitive Multi-Channel Background Difference Algorithm," *Applied Sciences (Switzerland)*, vol. 13, no. 21, Nov. 2023, doi: 10.3390/app132111981.

[22] H. Hardan, O. A. Khashan, and M. Alshinwan, "Edge-Based Data Hiding and Extraction Algorithm to Increase Payload Capacity and Data Security," *Computers, Materials and Continua*, vol. 84, no. 1, pp. 1681–1710, 2025, doi: 10.32604/cmc.2025.061659.

[23] C. Kim, C. N. Yang, and L. Leng, "Enhanced Dual Reversible Data Hiding Using Combined Approaches," *Applied Sciences (Switzerland)*, vol. 15, no. 6, Mar. 2025, doi: 10.3390/app15063279.

[24] K. D. Michaylov and D. K. Sarmah, "Steganography and steganalysis for digital image enhanced Forensic analysis and recommendations," 2025, *Taylor and Francis Ltd.* doi: 10.1080/23742917.2024.2304441.

[25] I. Nassra and J. V. Capella, "Data compression techniques in IoT-enabled wireless body sensor networks: A systematic literature review and research trends for QoS improvement," Oct. 01, 2023, *Elsevier B.V.* doi: 10.1016/j.iot.2023.100806.

[26] S. Khan, "A Comprehensive Methodology for Data Compression and Decompression Utilizing Huffman Coding, LZW Compression, and RunLength Encoding, Integrated with Data Encryption Standard (DES) and Advanced Encryption Standard (AES) for Enhanced Security," *Indian Journal of Cryptography and Network Security*, vol. 4, no. 2, pp. 7–13, Nov. 2024, doi: 10.54105/ijcns.A1427.04021124.