

DAFTAR PUSTAKA

- [1] A. Amar, „Perkembangan teknologi, informasi dan komunikasi“, *Dakwah Tabligh*, vol. 13, no. 1, pp. 137–149, 2012.
- [2] A. D. Priatama and painem, „Pengamanan data anggota polri dengan aes-128 dan base64 pada puslitbang polri bogor security of polri member data file s using aes-128 and base64 method , puslitbang polri bogor .“, *Senafti*, vol. 2, no. September, pp. 55–62, 2023.
- [3] S. R. Febriani and D. C. Irawati, „Implementasi digital watermarking pada citra menggunakan metode least significant bit“, *J. Inform. Dan Komput.*, vol. 21, no. 3, pp. 8–18, 2016.
- [4] A. Hussain Ali, M. MohdRosmadiMokhtar, and L. George, „A review on audio steganography techniques“, *Res. J. Appl. Sci. Eng. Technol.*, vol. 12, no. 2, pp. 154–162, 2016, doi: 10.19026/rjaset.12.2316.
- [5] F. Hemeida, W. Alexan, and S. Mamdouh, „A comparative study of audio steganography schemes“, *Int. J. Comput. Digit. Syst.*, vol. 10, no. 1, pp. 555–562, 2021, doi: 10.12785/IJCDs/100153.
- [6] P. P. Balgurgi and S. K. Jagtap, „Intelligent processing: an approach of audio steganography“, *Proc. - 2012 Int. Conf. Commun. Inf. Comput. Technol. ICCICT 2012*, pp. 1–6, 2012, doi: 10.1109/ICCICT.2012.6398182.
- [7] M. Tayel, A. Gamal, and H. Shawky, „A proposed implementation method of an audio steganography technique“, *Int. Conf. Adv. Commun. Technol. ICACT*, vol. 2016-March, no. 3, pp. 180–184, 2016, doi: 10.1109/ICACT.2016.7423320.
- [8] Lindawati and R. Siburian, „Steganography implementation on android smartphone using the LSB (least significant bit) to MP3 and WAV audio“, *Proc. - ICWT 2017 3rd Int. Conf. Wirel. Telemat. 2017*, vol. 2017-July, pp. 170–174, 2017, doi: 10.1109/ICWT.2017.8284161.
- [9] S. P. Rajput, K. P. Adhiya, and G. K. Patnaik, „An efficient audio steganography technique to hide text in audio“, *2017 Int. Conf. Comput. Commun. Control Autom. ICCUBEA 2017*, pp. 1–6, 2017, doi: 10.1109/ICCUBEA.2017.8463948.
- [10] S. Teotia and P. Srivastava, „Enhancing audio and video steganography technique using hybrid algorithm“, *Proc. 2018 IEEE Int. Conf. Commun. Signal Process. ICCSP 2018*, pp. 1059–1063, 2018, doi: 10.1109/ICCSP.2018.8524182.
- [11] R. Tanwar, K. Singh, M. Zamani, A. Verma, and P. Kumar, „An optimized approach for secure data transmission using spread spectrum audio

- steganography, chaos theory, and social impact theory optimizer“, *J. Comput. Netw. Commun.*, vol. 2019, 2019, doi: 10.1155/2019/5124364.
- [12] A. Sharma and P. Singh, „Semantic analyzer for audio steganography“, *IJERCCE*, vol. 3, no. 1, pp. 5285–5290, 2014.
- [13] A. Dwiharzandis, A. Luthfi, and I. Elfitri, „Perancangan dan analisis kinerja steganography pada mpeg saoc menggunakan improved spread spectrum“, *J. RESTI Rekayasa Sist. Dan Teknol. Inf.*, vol. 3, no. 3, pp. 560–566, Dec. 2019, doi: 10.29207/resti.v3i3.1356.
- [14] S. Xu, P. Zhang, P. Wang, and H. Yang, „Performance analysis of data hiding in mpeg-4 aac audio“, *Tsinghua Sci. Technol.*, vol. 14, no. 1, pp. 55–61, 2009, doi: 10.1016/S1007-0214(09)70007-0.
- [15] V. A. H. Firdaus, A. Mustofa, and M. Aswin, „Studi dan implementasi steganografi pada file audio dengan teknik spread spectrum“, *J. Mhs. TEUB*, vol. 2, no. 2, pp. 1–6, 2014.
- [16] B. Carty, „Multi-channel and binaural spatial audio: an overview and possibilities of a unified system“, *Maynooth Musicol. Postgrad. J.*, May 2018.
- [17] F. Rusuna, „Konversi suara digital dengan menggunakan algoritma waveform similarity overlap-add (WSOLA)“, M.S. Thesis, Dept. Teknik Informatika, UIN Malang, Jawa Timur, Accessed: Feb. 12, 2025. [Online]. Available: <http://etheses.uin-malang.ac.id/8324/1/08650049.pdf>
- [18] S. Civciristov *et al.*, „Jurteksi“, *Sci. Signal.*, vol. 11, no. 551, pp. 746–759, 2014.
- [19] E. Syam, „Analisa dan implementasi transformasi analog to digital converter (adc) untuk mengkonversi suara kebentuk teks“, *J. SATIN - Sains Dan Teknol. Inf.*, vol. 3, no. 2, p. 73, 2014.
- [20] MT. Dr. I Made Oka Widyantara, ST, MT. I Gst A. Komang Diafari Djuni H, ST., „Buku modul/petunjuk praktikum tek156221 praktikum pengolahan sinyal multimedia“, *Jur. Tek. Elektro Dan Komput. Fak. Tek. Univ. Udayana*, pp. 1–3, 2015.
- [21] X. E. Consultants, „Why sampling frequency matters – how to avoid audio aliasing“, Xi Engineering Consultans. Accessed: Jul. 18, 2024. [Online]. Available: <https://xiengineering.com/sampling-frequency-audio-aliasing/#:~:text=Two different signals can become,which is to be represented.>
- [22] W. Remi Sianturi, „Perancangan aplikasi kompresi file audio dengan menggunakan algoritma sequitur“, *J. Media Inform.*, vol. 5, no. 1, pp. 1–10, 2023, doi: 10.55338/jumin.v5i1.2197.
- [23] F. B. Widada and S. Waluyanti, „Pengembangan modul pembelajaran teknik kerja bengkel sebagai bahan ajar kelas x teknik audio video“, *Elinvo Electron. Inform. Vocat. Educ.*, vol. 4, no. 1, pp. 92–97, 2019, doi: 10.21831/elinvo.v4i1.28399.

- [24] R. E. Ziemer and W. H. Tranter, '*Principles of communications: systems, modulation, and noise*', Seventh edition. Danvers, MA: Wiley, 2015.
- [25] I. Sisi, „Analisis kinerja teknologi lossless audio coding menggunakan penilaian subjektif dan objektif untuk aplikasi binaural audio“, diploma, Universitas Andalas, 2022. Accessed: Feb. 12, 2025. [Online]. Available: <http://scholar.unand.ac.id/103844/>
- [26] J. A. Doyle and A. C. Evans, „What colour is neural noise?“, Jun. 10, 2018, *arXiv*: arXiv:1806.03704. doi: 10.48550/arXiv.1806.03704.
- [27] R. Tanwar and M. Bisla, „Audio steganography“, *ICROIT 2014 - Proc. 2014 Int. Conf. Reliab. Optim. Inf. Technol.*, pp. 322–325, 2014, doi: 10.1109/ICROIT.2014.6798347.
- [28] K. Neeraj and Y. and Babita, „Audio steganography“, *IJIRT*, vol. 3, no. December, pp. 115–119, 2021.
- [29] Y. Aditya, A. Pratama, and A. Nurlifa, „Studi pustaka untuk steganografi dengan beberapa metode“, *Semin. Nas. Apl. Teknol. Inf. 2010 SNATI 2010*, vol. 2010, no. Snati, pp. 32–35, 2010.
- [30] P. Singh, „A comparative study of audio steganography techniques“, *Int. Res. J. Eng. Technol.*, vol. 3, no. 4, pp. 580–585, 2016.
- [31] Z. GUO, „Objective audio quality assessment based on spectro-temporal modulation analysis“, p. 48, 2011.
- [32] I. Radiocommunication Bureau, „International telecommunication union recommendations radiocommunication sector method for objective measurements of perceived audio quality“, vol. 2, 2023, [Online]. Available: <https://www.itu.int/publ/R-REC/en>
- [33] P. Kabal, „An Examination and interpretation of itu-r bs. 1387: perceptual evaluation of audio quality“, *McGill Univ.*, pp. 1–96, 2003.