

## DAFTAR PUSTAKA

- [1] S. Reno, "Algoritma Steganografi dengan Metode Spread Spectrum Berbasis PCMK," *Multinetics*, vol. 3, no. 2, p. 32, 2017, doi: 10.32722/vol3.no2.2017.pp32-37.
- [2] R. Munir, "Pengantar Kriptografi," *Bahan Kuliah IF4020*, 2006.
- [3] S. R. Widiyanto, "Desain Algoritma Steganografi dengan Metode Spread Spectrum Berbasis PCMK (Permutasi Chaotic Multiputaran Mengecil dan Membesar) Yang Tahan Terhadap Gangguan," *Pros. Semin. Nas. Sains dan Teknol.*, pp. 1–8, 2018.
- [4] K. Bendi and Y. Siburian, "Invisible Watermarking dengan Teknik Spread Spectrum," no. November, pp. 484–488, 2016.
- [5] W. Winanti, "Penyembunyian Pesan pada Citra Terkompresi JPEG Menggunakan Metode Spread Spectrum," *Communications*, no. 13505017, 2009, [Online]. Available: <http://digilib.itb.ac.id/gdl.php?mod=browse&op=read&id=jbptitbpp-gdl-windawinan-34197&q=winda>
- [6] H. Kharisma and S. Arief, "Triple Transposisi dan Spread Spectrum sebagai Metode untuk Pengembangan Algoritme Steganografi," *J. Ilm. Komputasi*, vol. 17, no. 2, 2018, doi: 10.32409/jikstik.17.2.2373.
- [7] D. Poirier-Quinot and B. F. G. Katz, "The Anaglyph binaural audio engine," *144th AES Conv.*, pp. 2–5, 2018, [Online]. Available: <http://anaglyph.dalembert.upmc.fr/>
- [8] T. Walton, "The Overall Listening Experience of Binaural Audio," *4th Int. Conf. Spat. Audio*, no. September, 2017.
- [9] K. K. Parida, S. Srivastava, and G. Sharma, "Beyond Mono to Binaural: Generating Binaural Audio from Mono Audio with Depth and Cross Modal Attention," *Proc. - 2022 IEEE/CVF Winter Conf. Appl. Comput. Vision*,

- WACV 2022, no. Ild, pp. 2151–2160, 2022, doi: 10.1109/WACV51458.2022.00221.
- [10] M. I. Ashari and A. Faisol, “Analisa Audio Stereo Decoder Untuk Radio Penerima Fm Berbasis Ic an7410N,” *J. Teknol. Inf.*, vol. 8, no. 2, pp. 93–104, 2017, doi: 10.36382/jti-tki.v8i2.275.
- [11] J. M. Valin, T. B. Terriberry, C. Montgomery, and G. Maxwell, “A high-quality speech and audio codec with less than 10-ms delay,” *IEEE Trans. Audio, Speech Lang. Process.*, vol. 18, no. 1, pp. 58–67, 2010, doi: 10.1109/TASL.2009.2023186.
- [12] J. V. Koen Vos, Karsten Vandborg Sørensen, Søren Skak Jensen, “Voice coding with Opus,” *AES Conv.*, no. May, pp. 1–10, 2013, [Online]. Available: [http://people.xiph.org/~jm/papers/aes135\\_Opus\\_celt.pdf](http://people.xiph.org/~jm/papers/aes135_Opus_celt.pdf)
- [13] J. M. Valin, G. Maxwell, T. B. Terriberry, and K. Vos, “High-quality, low-delay music coding in the Opus codec,” *135th Audio Eng. Soc. Conv. 2013*, pp. 73–82, 2013.
- [14] Y. R. Nasution, M. Furqan, and M. Sinaga, “Implementasi Steganografi Menggunakan Metode Spread Spectrum Dalam Pengamanan Data Teks Pada Citra Digital,” *J. Sains Komput. Inform. (J-SAKTI)*, vol. 4, no. 2, pp. 351–358, 2020.
- [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] M. Tomas, Baharuddin, and I. Elfitri, “Multichannel audio steganography based on MPEG surround using direct sequence spread spectrum,” *IOP Conf. Ser. Mater. Sci. Eng.*, vol. 602, no. 1, 2019, doi: 10.1088/1757-899X/602/1/012011.
- [17] F. F. Li and T. J. Cox, *Digital Signal Processing in Audio and Acoustical Engineering*. 2019. doi: 10.1201/9781315117881.

- [18] J. Watkinson, "The Art of Digital Audio: Third Edition," *Art Digit. Audio Third Ed.*, pp. 1–752, 2013, doi: 10.4324/9780080499369.
- [19] W. Kustiawan *et al.*, "Rekaman Audio Dalam Penyiaran Radio," *Rusydi Aulia Siregar Innov. J. Soc. Sci. Res.*, vol. 3, pp. 13313–13321, 2023.
- [20] N. Katayev, A. Altayeva, B. Abduraimova, N. Kurmanbekkyzy, Z. Madibaiuly, and B. Kulambayev, "Development of a Framework for Classification of Impulsive Urban Sounds using BiLSTM Network," *Int. J. Adv. Comput. Sci. Appl.*, vol. 14, no. 11, pp. 464–472, 2023, doi: 10.14569/IJACSA.2023.0141148.
- [21] B. Eurich, S. D. Ewert, M. Dietz, and T. Biberger, "A Computationally Efficient Model for Combined Assessment of Monaural and Binaural Audio Quality," *AES J. Audio Eng. Soc.*, vol. 72, no. 9, pp. 536–551, 2024, doi: 10.17743/jaes.2022.0161.
- [22] T. Gunawan, S. Rasyid, and M. Kartiwi, "Investigation of Various Algorithms on Multichannel Audio Compression," no. November, pp. 28–30, 2017.
- [23] J. M. Eargle, "Fundamentals of Stereo Recording," *Handb. Rec. Eng.*, pp. 121–140, 1996, doi: 10.1007/978-1-4684-9919-3\_10.
- [24] C. Kyriakakis, "Fundamental and Technological Limitations of Immersive Audio Systems," *Proc. IEEE*, vol. 86, no. 5, pp. 941–951, 1998, doi: 10.1109/5.664281.
- [25] A. Gerzon, M., "Periphony: With-Height Sound Reproduction," *J. Audio Eng. Soc.*
- [26] 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.
- [27] U. Zölzer, *Digital Audio Signal Processing*. 2008. doi: 10.1002/9780470680018.

- [28] Xiengineering, "Why sampling frequency matters - how to avoid audio aliasing," *Xi Engineering Consultants*. <https://xiengineering.com/sampling-frequency-audio-aliasing/>.
- [29] C. Laguna and A. Lerch, "An efficient algorithm for clipping detection and declipping audio," *141st Audio Eng. Soc. Int. Conv. 2016, AES 2016*, 2016.
- [30] B. Miraglia, "what-is-audio-clipping," <https://unison.audio/what-is-audio-clipping/>. 2024.
- [31] S. T. Dumbre and N. B. Bankhele, "Audio Compression Using Wavelet Transform," *Int. J. Innov. Eng. Res. Technol.*, pp. 1–5, 2019.
- [32] K. Sayood, *Introduction to Data Compression*. 2006. doi: 10.1016/B978-0-12-620862-7.X5000-7.
- [33] S. A. Gelfand, *An Introduction to Psychological and Psychological Acoustic*. 2013. doi: 10.3109/9781420088663-6.
- [34] J. Herre and S. Dick, "Psychoacoustic models for perceptual audio coding- A tutorial review," *Appl. Sci.*, vol. 9, no. 14, 2019, doi: 10.3390/app9142854.
- [35] J. Hammond, *Book reviews - Principles of communications: Systems, modulation, and noise*, vol. 7, no. 5. 2008. doi: 10.1109/mcomd.1976.1089252.
- [36] S. Indriani, "Analisis Kinerja Teknologi Lossless Audio Coding Menggunakan Penilaian Subjektif dan Objektif untuk Apikasi Binaural Audio," pp. 14–15, 2022.
- [37] J. A. Doyle and A. C. Evans, "What Colour is Neural Noise?," 2018, [Online]. Available: <http://arxiv.org/abs/1806.03704>
- [38] 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.

- [39] 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.
- [40] F. Djebbar, B. Ayad, K. A. Meraim, and H. Hamam, "Comparative study of digital audio steganography techniques," *Eurasip J. Audio, Speech, Music Process.*, vol. 2012, no. 1, pp. 1–16, 2012, doi: 10.1186/1687-4722-2012-25.
- [41] P. Singh, "A comparative study of audio steganography techniques," *Int. Res. J. Eng. Technol.*, vol. 3, no. 4, pp. 580–585, 2016, [Online]. Available: [www.irjet.net](http://www.irjet.net)
- [42] G. R. The, "Studi Perbandingan Steganografi pada Audio , Video , dan Gambar," p. 9, 2010.
- [43] 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. Informasi)*, vol. 3, no. 3, pp. 560–566, 2019, doi: 10.29207/resti.v3i3.1356.
- [44] J. Obadiah, "Binaural Audio and 360 Video: Immersive Method of Preserving Banten's Culture and History," *Int. J. Creat. Arts Stud.*, vol. 10, no. 2, pp. 115–132, 2023, doi: 10.24821/ijcas.v10i2.9460.
- [45] W. H. E. Ehrenstein and A. Ehrenstein, "Psychophysical Methods," pp. 221–232, 2023, doi: 10.1093/oso/9780195148329.003.0010.
- [46] W. M. F. W. M. Noor, N. Zaini, H. Norhazman, and M. F. A. Latip, "Dynamic encoding of binaural beats for brainwave entrainment," *Proc. - 2013 IEEE Int. Conf. Control Syst. Comput. Eng. ICCSCE 2013*, pp. 626–630, 2013, doi: 10.1109/ICCSCE.2013.6720041.
- [47] J. Breebaart and E. Schuijers, "Phantom materialization: A novel method to enhance stereo audio reproduction on headphones," *IEEE Trans. Audio, Speech Lang. Process.*, vol. 16, no. 8, pp. 1503–1511, 2008, doi:

10.1109/TASL.2008.2002983.

- [48] A. Aminuddin, W. Widyawan, and R. Ferdiana, "Analisis Performa Audio Codec Pada Implementasi Voice Over Ip (Voip)," *Semnasteknomedia Online*, vol. 4, no. 1, pp. 2–4, 2016.
- [49] Z. GUO, "Objective Audio Quality Assessment Based on Spectro-Temporal Modulation Analysis," p. 48, 2011, [Online]. Available: <https://www.diva-portal.org/smash/get/diva2:511367/FULLTEXT01.pdf>
- [50] A. B. Carlson and R. M. Gray, "Communication Systems: An introduction to Signals and Noise in Electrical Coamunication," *Proc. IEEE*, vol. 64, no. 12, p. 1739, 1976, doi: 10.1109/PROC.1976.10419.
- [51] R. Huber, B. Kollmeier, and V. Mellert, "Objective assessment of audio quality using an auditory processing model," *Inst. für Phys. Fak. für Math. und Naturwissenschaften*, vol. Dr. rer. n, p. 136, 2003, [Online]. Available: <http://docserver.bis.uni-oldenburg.de/%0Apublikationen/dissertation/2004/%0Ahubobj03/hubobj03.html>
- [52] P. Kabal, "An Examination and Interpretation of ITU-R BS. 1387: Perceptual Evaluation of Audio Quality," *McGill Univ.*, pp. 1–96, 2003.

