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Gregorius Paskalis Dimas Pramudita, Dr. Iswandi S.T.,M.Eng.
Universitas Gadjah Mada, 2026 | Diunduh dari http://etd.repository.ugm.ac.id/

DAFTAR PUSTAKA

[1] W. Wijayanto and F. Fidyastuti, 'Estetika dalam kosmis sebagai pembelajaran dan konservasi gamelan di era modern', *Jurnal Mebang: Kajian Budaya Musik Dan Pendidikan Musik*, vol. 5, no. 1, pp. 11–22, 2025.

[2] M. S. Yusnelli *et al.*, *Pertunjukan Seni Tradisi dan Kontemporer: Warisan, Ekspresi, dan Transformasi Budaya*. PT Bukuloka Literasi Bangsa, 2025.

[3] R. J. Van de Plassche, *Integrated analog-to-digital and digital-to-analog converters*, vol. 264. Springer Science & Business Media, 2012.

[4] K. A. S. Wiguna, I. K. Lanus, and P. A. Permanamiarta, 'Eksplorasi Dan Inovasi Sampling Midi Gambelan Bali Dalam Musik Digital', *Stilistika: Jurnal Pendidikan Bahasa dan Seni*, vol. 14, no. 1, pp. 13–24, 2025.

[5] Z. L. Bin Saidon and N. Bin Nazeri, 'Audio Sampling Method in the Development of an Electronic Gamelan: Kromong GaMelLED', *International Journal of Academic Research in Business and Social Sciences*, vol. 12, no. 12, Dec. 2022, doi: 10.6007/ijarbss/v12-i12/15542.

[6] K. Wahyudita, I. K. Sudirga, I. W. Suharta, 'I Wayan Ari's Creative Process in Creating Digital Gamelan Music', *Journal of Aesthetics, Creativity and Art Management*, vol 1, no 1, 2022, doi: 10.59997/jacam.v1i1.1596.

[7] I. K. Ardana, C. M. da Fonseca Horta, C. R. L. Malha de Bronze, W. Palupi, J. S. R. N. Campus IV, and S. Laweyan, 'Hybrid Instrumentation Strategy in Balinese Gamelan Performances: The Challenge of Retaining Sonic Identity', *Malaysian Journal of Music*, no. 14, 2025.

[8] C. Constantinescu and R. Brad, 'An overview of sound features in time and frequency domain', *International Journal of Advanced Statistics and IT&C for Economics and Life Sciences*, vol. 13, no. 1, 2023.

[9] A. Azizol, 'Sonic Exploration of Alto Recorder for Nadi Bumi: Applied Research in Contemporary Classical Music Composition', *Malaysian Journal of Music*, vol. 6, no. 2, pp. 71–93, 2017.

[10] I. S. Yunika, 'Optimasi Frekuensi Sampling pada Lagu 'Happy Birthday'untuk Mengurangi Aliasing: Pendekatan Teoretis dan Praktis', *Telecommunications, Networks, Electronics, and Computer Technologies (TELNECT)*, vol. 5, no. 1, pp. 1–7, 2025.

[11] D. Yang *et al.*, 'Almtokenizer: A low-bitrate and semantic-rich audio codec tokenizer for audio language modeling', *arXiv preprint arXiv:2504.10344*, 2025.

[12] R. R. Devi and D. Pugazhenthi, 'Ideal sampling rate to reduce distortion in audio

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steganography', *Procedia Comput. Sci.*, vol. 85, pp. 418–424, 2016.

[13] B. T. Jónsson, C. Erdem, and K. Glette, 'A system for sonic explorations with evolutionary algorithms', *Journal of the Audio Engineering Society*, vol. 72, no. 4, pp. 257–266, 2024.

[14] M. Mitrayana and V. J. Cytasari, 'Pengukuran Frekuensi Bunyi Saron Demung Laras Pelog Gamelan Jawa Menggunakan Perangkat Lunak Visual Analyser', *Jurnal Fisika Indonesia UGM*, vol. 18, no. 54, p. 80127, 2014.

[15] Recordings Hacks, 'Bidirectional Ribbon Microphone', Recording Hacks. Accessed: Jun. 12, 2026. [Online]. Available: https://recordinghacks.com/microphones/Alctron/HRM-1

[16] R. R. Devi and D. Pugazhenthi, "Ideal sampling rate to reduce distortion in audio steganography," Procedia Comput. Sci., vol. 85, pp. 418–424, 2016.