

## DAFTAR PUSTAKA

- [1] L. Hermawan, “Pengaruh pemberian asupan cairan (air) terhadap profil denyut jantung pada aktivitas aerobik,” *J. Sport Sci. Fit.*, vol. 1, no. 1, pp. 56–61, 2012.
- [2] Kemenkes RI, “Infodatin : Situasi Kesehatan Jantung,” *Pusat Data dan Informasi Kementerian Kesehatan RI*. pp. 1–8, 2014.
- [3] P. JMCH, “Penyakit jantung koroner,” *Available: [#2](http://scholar.google.com/scholar?hl=en&btnG=Search&q=intitle:penyakit+jantung+koroner+)*, pp. 1–8, 2013.
- [4] H. M. Hadi, M. Y. Mashor, M. S. Mohamed, and K. B. Tat, “Classification of heart sounds using wavelets and neural networks,” *Electr. Eng. Comput. Sci. Autom. Control. 2008. CCE 2008. 5th Int. Conf.*, no. Cce, pp. 177–180, 2008.
- [5] I. Puspasari, A. Arifin, and R. Hendradi, “Analisis Ekstraksi Ciri Pada Suara Jantung Diastolik dengan menggunakan Wavelet Transform dan Wigner Ville Distribution,” *Jur. Tek. Elektro ITS, Surabaya*.
- [6] D. Kristomo, R. Hidayat, I. Soesanti, and A. Kusjani, “Heart sound feature extraction and classification using autoregressive power spectral density (AR-PSD) and statistics features,” *AIP Conf. Proc.*, vol. 1755, pp. 1–8, 2016.
- [7] N. A. Setiawan, H. A. Nugroho, and A. C. Dataset, “Benchmarking of Feature Selection Techniques for Coronary Artery Disease Diagnosis,” *Proc. 2014 6th Int. Conf. Inf. Technol. Electr. Eng.*, pp. 1–5, 2014.
- [8] R. Antonisfia, Yul ; Wiryadinata, “Ekstraksi Ciri Isyarat Suara Jantung Menggunakan Power Spectral Density Berbasis Metode Welc,” vol. 6, no. 1, pp. 71–84, 2008.
- [9] D. Setiawan, A. Surtono, and S. W. Suciwati, “Ekstraksi Ciri Suara Jantung Menggunakan Metode Dekomposisi dan Korelasi Sinyal ( Dekorlet ) Berbasis Jaringan Syaraf Tiruan,” vol. 3, no. 1, pp. 51–59, 2015.
- [10] P. Madona, A. Arifin, A. Tri, and R. Hendradi, “Analisa Suara Jantung Berbasis Complex Continuous Wavelet Transform,” in *Conference Paper*, 2012, no. October.
- [11] M. Tschannen, T. Kramer, G. Marti, M. Heinzmann, T. Wiatowski, and E. T. H. Zurich, “Heart Sound Classification Using Deep Structured Features,” pp. 565–568, 2016.

- [12] PERKI (Perhimpunan dokter spesialis Kardiovaskular Indonesia), *Pedoman tatalaksana sindrom koroner akut*. 2015.
- [13] F. Aletti *et al.*, “Heart rate variability in children with cyanotic and acyanotic congenital heart disease: Analysis by spectral and non linear indices,” *Proc. Annu. Int. Conf. IEEE Eng. Med. Biol. Soc. EMBS*, pp. 4189–4192, 2012.
- [14] “1111. [https://bukusakudokter.org-2012-10-14-anatomi-fisiologi-jantung-22 maret 2017](https://bukusakudokter.org-2012-10-14-anatomi-fisiologi-jantung-22-maret-2017).”.
- [15] G. Anatomi, O. Jantung, and K. J. Manusia, “Anatomi Jantung Manusia.”.
- [16] B. Setianto, “Jantung Sehat ?,” vol. 30, no. 1, pp. 1–2, 2009.
- [17] G. D. Clifford *et al.*, “Classification of Normal / Abnormal Heart Sound Recordings : the PhysioNet / Computing in Cardiology Challenge 2016,” pp. 3–6, 2016.
- [18] F. Plesinger, J. Jurco, P. Jurak, J. Halamek, and C. Republic, “Discrimination of Normal and Abnormal Heart Sounds Using Probability Assessment Pre-processing,” *2016 Comput. Cardiol. Conf.*, vol. 43, pp. 2–5, 2016.
- [19] X.-Y. Zhang and Y.-T. Zhang, “A model-based study of relationship between timing of second heart sound and systolic blood pressure.,” *Conf. Proc. IEEE Eng. Med. Biol. Soc.*, vol. 1, pp. 1387–90, 2006.
- [20] T. Gokhale, “Machine Learning Based Identification of Pathological Heart Sounds Tanmay Gokhale,” *2016 Comput. Cardiol. Conf.*, vol. 43, pp. 2–5, 2016.
- [21] C. Puri *et al.*, “Classification of Normal and Abnormal Heart Sound Recordings through Robust Feature Selection Indian Statistical Institute , Kolkata , India State-of-the-art,” *2016 Comput. Cardiol. Conf.*, vol. 43, pp. 7–10, 2016.
- [22] H. Wijaya, N. M. Raharja, V. Program, U. M. Yogyakarta, and U. Muhammadiyah, “Monitoring the Heart Rate and Body Temperature Based on Microcontroller,” vol. 13, no. 2, pp. 237–244, 2017.
- [23] X. Wang and Y. Li, “Improving Classification Accuracy of Heart Sound Recordings by Wavelet Filter and Multiple Features,” *2016 Comput. Cardiol. Conf.*, vol. 43, pp. 2–5, 2016.
- [24] F. Wikipedia and D. Associations, “Heart murmur.” pp. 4–9, 2013.
- [25] D. Kristomo, “klasifikasi suara jantung menggunakan JARINGAN neural

dengan ciri statistis dan spektral,” 2015.

- [26] P. S. Roebiono, “Diagnosis dan tatalaksana penyakit jantung bawaan,” pp. 1–7, 2000.
- [27] M. Zabihi, A. B. Rad, S. Kiranyaz, M. Gabbouj, and A. K. Katsaggelos, “Heart Sound Anomaly and Quality Detection using Ensemble of Neural Networks without Segmentation,” pp. 2–5, 2016.
- [28] “Definisi Frekuensi <https://id.wikipedia.org/wiki/Frekuensi>, diakses 9 Mei 2017 pukul 23.30 WIB.” .
- [29] “Definisi Statistika <https://id.wikipedia.org/wiki/Statistika> diakses 9 mei 2017 pukul 23.55,” no. 1749. 2017.
- [30] A. Nugroho, H. A. Nugroho, N. A. Setiawan, and L. Choridah, “Internal content classification of ultrasound thyroid nodules based on textural features,” vol. 1, no. 2, pp. 61–69, 2016.
- [31] A. Nugroho, “Klasifikasi Nodul Tiroid Berbasis Ciri Tekstur pada Citra Ultrasonografi,” 2015.
- [32] H. Tang, H. Chen, T. Li, and M. Zhong, “Classification of Normal / Abnormal Heart Sound Recordings based on Multi- Domain Features and Back Propagation Neural Network,” pp. 2–5, 2016.
- [33] K. Sembiring, “Penerapan Teknik Support Vector Machine untuk Pendeteksian Intrusi pada Jaringan,” 2007, pp. 1–28.
- [34] E. Susilowati, M. K. Sabariah, and A. A. Gozali, “Implementasi Metode Support Vector Machine Untuk Melakukan Klasifikasi Kemacetan Lalu Lintas Pada Twitter Implementation Support Vector Machine Method for Traffic Jam Classification on Twitter,” pp. 1–7, 2015.
- [35] michigan university, “heart sound database, Michigan university <https://www.umich.edu/search/keywords/heart%2520sound%2520database/>.” .