

DAFTAR PUSTAKA

- [1] A. R. Pratama, R. Maulana, dan D. Syauqy, “Implementasi Sistem Pendeteksi *Premature Ventricular Contraction* (PVC) Aritmia menggunakan Metode SVM,” 2021. [Daring]. Tersedia pada: <http://j-ptiik.ub.ac.id>
- [2] M. A. Hegazy, K. S. Mansour, A. M. Alzyat, M. A. Mohammad, dan A. A. Hegazy, “*A systematic review on normal and abnormal anatomy of coronary arteries*,” 2022, *Sociedad Anatomica Espanola*. doi: 10.52083/FDTA2953.
- [3] M. H. Mazidi, M. Eshghi, dan M. R. Raoufy, “*Premature Ventricular Contraction (PVC) Detection System Based on Tunable Q-Factor Wavelet Transform*,” *J Biomed Phys Eng*, vol. 12, no. 1, hlm. 61–74, 2022, doi: 10.31661/jbpe.v0i0.1235.
- [4] N. T. Sarshar dan M. Mirzaei, “*Premature Ventricular Contraction Recognition Based on a Deep Learning Approach*,” *J Healthc Eng*, vol. 2022, 2022, doi: 10.1155/2022/1450723.
- [5] N. Alexandra Yosephine, “INFORMASI (Jurnal Informatika dan Sistem Informasi) Penggunaan *Artificial Neural Network* pada Sinyal Elektrokardiogram untuk Mendeteksi Penyakit Jantung Aritmia Supraventrikular.”
- [6] Y. Jung dan H. Kim, “*Detection of PVC by using a wavelet-based statistical ECG monitoring procedure*,” *Biomed Signal Process Control*, vol. 36, hlm. 176–182, Jul 2017, doi: 10.1016/j.bspc.2017.03.023.
- [7] C. X. You dan C. F. Liu, “*Premature Ventricular Contractions and Cardiomyopathy*,” 1 November 2019, *Lippincott Williams and Wilkins*. doi: 10.1097/CRD.0000000000000262.
- [8] H. Ullah dkk., “*An Automatic Premature Ventricular Contraction Recognition System Based on Imbalanced Dataset and Pre-Trained*

- Residual Network Using Transfer Learning on ECG Signal,”* *Diagnostics*, vol. 13, no. 1, Jan 2023, doi: 10.3390/diagnostics13010087.
- [9] R. C. H. Chang, C. H. Lin, M. F. Wei, K. H. Lin, dan S. R. Chen, “*High-Precision Real-Time Premature Ventricular Contraction (PVC) Detection System Based on Wavelet Transform,*” *J Signal Process Syst*, vol. 77, no. 3, hlm. 289–296, Okt 2014, doi: 10.1007/s11265-013-0823-6.
- [10] J. Yu, X. Wang, X. Chen, dan J. Guo, “*Searching for premature ventricular contraction from electrocardiogram by using one-dimensional convolutional neural network,*” *Electronics (Switzerland)*, vol. 9, no. 11, hlm. 1–18, Nov 2020, doi: 10.3390/electronics9111790.
- [11] R. He dkk., “*A novel method for the detection of R-peaks in ECG based on K-Nearest Neighbors and Particle Swarm Optimization,*” *EURASIP J Adv Signal Process*, vol. 2017, no. 1, Des 2017, doi: 10.1186/s13634-017-0519-3.
- [12] P. Dolinský, I. Andráš, L. Michaeli, dan J. Šaliga, “*An ECG signal model based on a parametric description of the characteristic waves,*” *ACTA IMEKO*, vol. 9, no. 3, Jun 2020, [Daring]. Tersedia pada: www.imeko.org
- [13] T. J. Barth, M. Griebel, D. E. Keyes, R. M. Nieminen, D. Roose, dan T. Schlick, *Computing the Electrical Activity in the Heart*. Springer, 2006.
- [14] R. J. Martis, U. R. Acharya, dan H. Adeli, “*Current methods in electrocardiogram characterization,*” 1 Mei 2014, *Elsevier Ltd*. doi: 10.1016/j.compbiomed.2014.02.012.
- [15] Sara S. Abdeldayem dan Thirimachos Bourlai, *Automatically Detecting Arrhythmia-related Irregular Patterns using the Temporal and Spectro-Temporal Textures of ECG Signals*. IEEE, 2018.
- [16] H. J. Ahn dkk., “*Three-Day Monitoring of Adhesive Single-Lead Electrocardiogram Patch for Premature Ventricular Complex: Prospective*

- Study for Diagnosis Validation and Evaluation of Burden Fluctuation,” J Med Internet Res*, vol. 26, no. 1, 2024, doi: 10.2196/46098.
- [17] S. M. Walke dan R. S. Deshpande, “*Filtering Frameworks for Removing Noise and Baseline Wander in ECG Signal*,” 2023.
- [18] G. Lenis, N. Pilia, A. Loewe, W. H. W. Schulze, dan O. Dössel, “*Comparison of Baseline Wander Removal Techniques considering the Preservation of ST Changes in the Ischemic ECG: A Simulation Study*,” *Comput Math Methods Med*, vol. 2017, 2017, doi: 10.1155/2017/9295029.
- [19] H. A. Abu Alfeilat dkk., “*Effects of Distance Measure Choice on K-Nearest Neighbor Classifier Performance: A Review*,” 1 Desember 2019, *Mary Ann Liebert Inc*. doi: 10.1089/big.2018.0175.
- [20] T. L. Daniel dan Chantal D. Larose, “*k-Nearest Neighbor Algorithm*,” dalam *Discovering Knowledge in Data: An Introduction to Data Mining, Second Edition*, John Wiley & Sons, Inc, 2014, 7.
- [21] Ö. F. Ertuğrul dan M. E. Tağluk, “*A novel version of k nearest neighbor: Dependent nearest neighbor*,” *Applied Soft Computing Journal*, vol. 55, hlm. 480–490, Jun 2017, doi: 10.1016/j.asoc.2017.02.020.
- [22] O. Kramer, “*K-Nearest Neighbors*,” 2013, hlm. 13–23. doi: 10.1007/978-3-642-38652-7_2.
- [23] S. G. Awdihansyah, R. Maulana, dan H. Fitriyah, “Implementasi Sistem Pendeteksi *Premature Ventricular Contraction* (PVC) Aritmia Menggunakan Metode K-NN,” 2020. [Daring]. Tersedia pada: <http://j-ptiik.ub.ac.id>
- [24] G. A. Gilang, R. Maulana, dan W. Kurniawan, “Implementasi Sistem Pendeteksi *Premature Ventricular Contraction* (PVC) Aritmia Menggunakan Metode Naive Bayes,” 2018. [Daring]. Tersedia pada: <http://j-ptiik.ub.ac.id>

- [25] I. Abdi Bangsa dan A. Kasasiah, “Perancangan dan Implementasi Sistem Pendeteksi Fibrilasi Atrium (FA) Portabel Rendah-Biaya,” 2019. [Daring]. Tersedia pada: <https://ojs.uniska-bjm.ac.id/index.php/eeict>
- [26] Texas Instruments, “ADS1293 *Low-Power AFE for Biopotential Measurements*,” Feb 2013. [Daring]. Tersedia pada: www.ti.com
- [27] ESPRESSIF, “ESP32-WROOM-32E ESP32-WROOM-32UE *Datasheet*.” [Daring]. Tersedia pada: www.espressif.com
- [28] “3.7V *Lithium Polymer Battery Data Sheet*.” [Daring]. Tersedia pada: <https://www.fpbattery.com/3-7v-2000mah-lithium-polymer-battery/>
- [29] Y. Suryana, R. Aziz, dan P. untuk Korespondensi, “Sistem Pemonitor Detak Jantung *Portable* Menggunakan Tiga Sensor Elektroda,” 2017.
- [30] Moody GB dan Mark RG, “*The Impact of the MIT-BIH Arrhythmia Database History, Lessons Learned, and Its Influence on Current and Future Databases*,” Mei 2001.
- [31] O. Kwon dkk., “*Electrocardiogram sampling frequency range acceptable for heart rate variability analysis*,” *Healthc Inform Res*, vol. 24, no. 3, hlm. 198–206, Jul 2018, doi: 10.4258/hir.2018.24.3.198.
- [32] P. Patial, “*Different Techniques of Baseline Wandering Removal-A Review*,” 2013. [Daring]. Tersedia pada: www.erpublications.com
- [33] L. Xie, Z. Li, Y. Zhou, Y. He, dan J. Zhu, “*Computational diagnostic techniques for electrocardiogram signal analysis*,” 1 November 2020, *MDPI AG*. doi: 10.3390/s20216318.
- [34] D. Makowski dkk., “*NeuroKit2: A Python toolbox for neurophysiological signal processing*,” *Behav Res Methods*, vol. 53, no. 4, hlm. 1689–1696, Agu 2021, doi: 10.3758/s13428-020-01516-y.