

## DAFTAR PUSTAKA

- [1] WHO "The top 10 causes of death" 24 Mei 2018. <https://www.who.int/news-room/fact-sheets/detail/the-top-10-causes-of-death>. [Diakses 29 November 2019, 14:11:00 WIB].
- [2] Ashtiyani, M., Lavasani Navaei., Alvar, Asgharzadeh., Deevband, M.R. (2018). Heart Rate Variability Classification using Support Vector Machine and Genetic Algorithm. PMID: PMC6280110.
- [3] Luz, E. J. da S., Schwartz, W. R., Cámara-Chávez, G., & Menotti, D. (2016). ECG- based heartbeat classification for arrhythmia detection: A survey. *Computer Methods and Programs in Biomedicine*, 127, 144–164. <https://doi.org/10.1016/j.cmpb.2015.12.008>
- [4] Das, M. K., & Ari, S. (2014). Patient-specific ECG beat classification technique. *Healthcare Technology Letters*, 1(3), 98–103. <https://doi.org/10.1049/htl.2014.0072>
- [5] Alfaras, M., Soriano, M. C., & Ortín, S. (2019). A Fast Machine Learning Model for ECG-Based Heartbeat Classification and Arrhythmia Detection. *Frontiers in Physics*, 7(July), 1–11. <https://doi.org/10.3389/fphy.2019.00103>
- [6] Kakar, A., Sheikh, N., Ahmed, B., Iqbal, S., Rahman, A., Kakar, S. A., ... Babar, J. (2018). Systematic analysis and classification of cardiac rate variability using artificial neural network. *International Journal of Advanced Computer Science and Applications*, 9(11), 746–750.
- [7] Merah, M., Abdelmalik, T. A., Larbi, B. H., Naouar, E. M., & Oran, B. D.-. (2015). R-peaks detection based on stationary wavelet. *Computer Methods and Programs in Biomedicine*, 1–12. <https://doi.org/10.1016/j.cmpb.2015.06.003>

- [8] Modeling, F. (2005). Backpropagation and his application in ECG classification.  
Institute for Research and Applications of Fuzzy Modeling, 1–7.
- [9] Ainunhusna, I. (2019) Implementation of Bipolar Disorder's Real Time ECG Monitoring Using Support Vector Machine Algorithm.
- [10] Halomoan, J. (2013). Analisa Sinyal EKG dengan Metoda HRV ( Heart Rate Variability ) pada Domain Waktu Aktivitas Berdiri dan Terlentang. Seminar Nasional Aplikasi Teknologi Informasi (SNATI) 2013, 29–35.
- [11] Fred Shaffer and J. P. Ginsberg (2017). An Overview of Heart Rate Variability Metrics and Norms.
- [12] Zipes, D. P., Camm, A. J., Borggrefe, M., Moss, A. J., Buxton, A. E., Myerburg, R. J., ... Metra, M. (2011). ACC/AHA/ESC 2006 guidelines for management of patients with ventricular arrhythmias and the prevention of sudden death. *Kardiologiya*, 51(7), 65–96.
- [13] Zipes, D. P., Camm, A. J., Borggrefe, M., Buxton, A. E., Chaitman, B., Fromer, M., ... Riegel, B. (2006). ACC/AHA/ESC 2006 guidelines for management of patients with ventricular arrhythmias and the prevention of sudden cardiac death - Executive summary: A report of the American College of Cardiology/American Heart Association Task Force and the European Society of Cardiology Committee for Practice Guidelines. *European Heart Journal*, 27(17), 2099–2140.
- [14] Mello, R. G. T., Oliveira, L. F., & Nadal, J. (2007). Digital Butterworth filter for subtracting noise from low magnitude surface electromyogram. *Computer Methods and Programs in Biomedicine*, 87(1), 28–35.

- [15] Abraham, A. (2005). Artificial Neural Networks. Handbook of Measuring System Design. doi:10.1002/0471497398.mm421
- [16] Qin Qin, Jianqing Li, Yinggao Yue, and Chengyu Liu (2017). An Adaptive and Time-Efficient ECG R-Peak Detection Algorithm
- [17] Jeong-Seon Park, Sang-Woong Lee, and Unsang Park (2017). R Peak Detection Method Using Wavelet Transform and Modified Shannon Energy Envelope.
- [18] Ed. Burns “*Normal Sinus Rhythm*” (<https://litfl.com/normal-sinus-rhythm-ecg-library/>, Diakses pada 22-Januari-2021)
- [19] Mr. Clarkson “*Cardiac Action Potential*” (<http://www.nataliescasebook.com/tag/cardiac-action-potentials>, Diakses pada 15-Desember-2020)
- [20] ACLS Medical Training “*Atrial Fibrillation*” (<https://www.aclsmedicaltraining.com/atrial-fibrillation/>, Diakses pada 15-Desember-2020)
- [21] James Heilman, MD “*Premature ventricular contraction*” ([https://en.wikipedia.org/wiki/Premature\\_ventricular\\_contraction](https://en.wikipedia.org/wiki/Premature_ventricular_contraction), Diakses pada 15-Desember-2020)
- [22] The ECG Leads, Polarity and Einthoven’s Triangle (<https://thephysiologist.org/study-materials/the-ecg-leads-polarity-and-einthovens-triangle/>, Diakses pada 15-Desember-2020)
- [23] Bryn Farnsworth, Ph.D (2019) “*Heart Rate Variability – How to Analyze ECG Data*” (<https://imotions.com/blog/heart-rate-variability/>, Diakses pada 15-Desember-2020)

- [24] “*Sigmoid Function*” (<https://ai-master.gitbooks.io/logistic-regression/content/sigmoid-function.html>, Diakses pada 15-Desember-2020)
- [25] Physionet. (<https://archive.physionet.org/cgi-bin/atm/ATM> Diakses pada 10-Oktober-2020) [Diakses 2 Februari 2020, 16:23:00 WIB].
- [26] ClevelandClinic"Arrhythmia".(<https://my.clevelandclinic.org/health/diseases/16749-arrhythmia>). [Diakses 06 Januari 2021, 09:24:00 WIB].