DAFTAR PUSTAKA

[1] "ECG Signal Processing, Classification and Interpretation."

[2] M. Marudhapandi, D. Ramkumar, R. Ramkumar, S. Jeevanandham, and N. Suguna, "Wearable ECG Monitoring System and Data Analysis," *International Journal of Scientific Research in Computer Science, Engineering and Information Technology © 2019 IJSRCSEIT* |, vol. 5, no. 2, pp. 2456–3307, 2019, doi: 10.32628/CSEIT1952238.

[3] S. H. Liu, C. H. Hsieh, W. Chen, and T. H. Tan, "ECG noise cancellation based on grey spectral noise estimation," *Sensors (Switzerland)*, vol. 19, no. 4, Feb. 2019, doi: 10.3390/s19040798.

[4] R. Dev and R. K. Mehrotra, "Application Of DSP To Remove Noise From ECG Signal," *International Journal of Engineering Research & Technology (IJERT) www.ijert.org*, vol. 2, no. 6, 2421, [Online]. Available: www.ijert.org

[5] S. K. Bashar, E. Ding, A. J. Walkey, D. D. McManus, and K. H. Chon, "Noise detection in electrocardiogram signals for intensive care unit patients," *IEEE Access*, vol. 7, pp. 88357–88368, 2019, doi: 10.1109/ACCESS.2019.2926199.

[6] E. Castillo, D. P. Morales, A. García, F. Martínez-Martí, L. Parrilla, and A. J. Palma, "Noise suppression in ECG signals through efficient one-step wavelet processing techniques," *J Appl Math*, vol. 2013, 2013, doi: 10.1155/2013/763903.

[7] N. Sasirekha, P. V. Karthick, T. Premakumari, J. Harirajkumar, and S. Aishwarya, "European Journal of Molecular & Clinical Medicine Noise Removal in ECG Signal Using Digital Filters".

[8] H. Amhia and A. K. Wadhwani, “ECG signal PQRS detection and comprehensive estimation of signal noise,” *Int J Health Sci (Qassim)*, pp. 10858–10870, May 2022, doi: 10.53730/ijhs.v6ns2.7906.

[9] H. Zhang, C. Ma, and Z. Li, “ECG signal de-noising using EEMD based on white noise decomposition,” in *ACM International Conference Proceeding Series*, Association for Computing Machinery, Mar. 2018, pp. 60–64. doi: 10.1145/3194480.3194500.

[10] E. Domazet, M. Gusev, and S. Ristov, “Dataflow DSP Filter for ECG Signals.”

[11] C. Vidal, A. Philominraj, and C. del, “A DSP Practical Application: Working on ECG Signal,” in *Applications of Digital Signal Processing*, InTech, 2011. doi: 10.5772/25499.

[12] K. Wang, S. Ma, J. Feng, W. Zhang, M. Fan, and D. Zhao, “Design of ECG signal acquisition system based on DSP,” in *Procedia Engineering*, 2012, pp. 3763–3767. doi: 10.1016/j.proeng.2012.01.567.

[13] C. Montella, “The Kalman Filter and Related Algorithms: A Literature Review The Kalman Filter and Related Algorithms A Literature Review.” [Online]. Available: https://www.researchgate.net/publication/236897001

[14] F. A. Faruqi, “Kalman Filter Design for Target Tracking.”

[15] V. P., A. T., S. Konitsiotis, D. G., and D. I., “The Use of Kalman Filter in Biomedical Signal Processing,” in *Kalman Filter Recent Advances*

and Applications, InTech, 2009. doi: 10.5772/6805.

[16] M. H. Moradi, M. Ashoori Rad, and R. Baghbani Khezerloo, “ECG signal enhancement using adaptive Kalman filter and signal averaging,” *Int J Cardiol*, vol. 173, no. 3, pp. 553–555, May 2014, doi: 10.1016/j.ijcard.2014.03.128.

[17] “ECG Signal De-noising based on Adaptive Filters,” *International Journal of Innovative Technology and Exploring Engineering*, vol. 9, no. 1, pp. 5473–5483, Nov. 2019, doi: 10.35940/ijitee.k1601.119119.

[18] B. R. Manju and M. R. Sneha, “ECG Denoising Using Wiener Filter and Kalman Filter,” in *Procedia Computer Science*, Elsevier B.V., 2020, pp. 273–281. doi: 10.1016/j.procs.2020.04.029.

[19] W. G. A. Dias, M. C. C. N. Silva, and E. M. de Oliveira, “Assessing the AD8232 sensor’s effectiveness on telemedicine kits: checking the AD8232 sensor,” *Research, Society and Development*, vol. 11, no. 11, p. e431111133778, Aug. 2022, doi: 10.33448/rsd-v11i11.33778.

[20] A. Zompanti *et al.*, “Development and test of a portable ecg device with dry capacitive electrodes and driven right leg circuit,” *Sensors*, vol. 21, no. 8, Apr. 2021, doi: 10.3390/s21082777.

[21] G. Marsaglia, “RANDOM NUMBERS FALL MAINLY IN THE PLANES,” 1968.

[22] “Damping Model and I Ntegration Parameter.”

[23] M. Bravo-Zanoguera, D. Cuevas-González, J. P. García-Vázquez, R. L. Avitia, and M. A. Reyna, “Portable ECG System Design Using the AD8232 Microchip and Open-Source Platform,” MDPI AG, Jan. 2020, p. 49. doi: 10.3390/ecsa-6-06584.

[24] M. C. T. Manullang, J. Simanjuntak, and A. L. Ramdani, “Implementation of AD8232 ECG Signal Classification Using Peak Detection Method For Determining RST Point,” *Indonesian Journal of Artificial Intelligence and Data Mining*, vol. 2, no. 2, p. 61, Sep. 2019, doi: 10.24014/ijaidm.v2i2.7593.
[25] “Efficient improvement of frequency-domain Kalman filter”.
[26] M. Roth, G. Hendeby, C. Fritsche, and F. Gustafsson, “The Ensemble Kalman filter: a signal processing perspective,” *Eurasip Journal on Advances in Signal Processing*, vol. 2017, no. 1. Springer International Publishing, Dec. 01, 2017. doi: 10.1186/s13634-017-0492-x.
[27] C. D. Flórez, O. D. Camargo, and J. R. Hurtado, “Didactic Strategies For The Understanding Of The Kalman Filter In Industrial Instrumentation Systems,” 2022. [Online]. Available: www.jlls.orgORCID:https://orcid.org/0000-0002-0653-0577ORCID:https://orcid.org/0000-0003-3483-1884ORCID:https://orcid.org/0000-0002-4155-4515
[28] *Kalman Filter Recent Advances and Applications.* InTech.
[29] “Optimal_Filtering”.
[30] C. Vidal Silva, A. Philominraj, and C. del Río, “8 A DSP Practical Application: Working on ECG Signal.”
[31] I. Fathail and V. D. Bhagile, “ECG Paper Digitization and R Peaks Detection Using FFT,” *Applied Computational Intelligence and Soft Computing*, vol. 2022, 2022, doi: 10.1155/2022/1238864.