

DAFTAR PUSTAKA

- [1] H. Eren and J. G. Webster, *Telehealth and Mobile Health*, 1st ed. CRC Press, 2015. [Online]. Available: <http://gen.lib.rus.ec/book/index.php?md5=A40D1DD46B5F08ADE99B9E2F4059B66B>
- [2] C. Kitchin and L. Counts, *A designer's guide to instrumentation amplifiers*. Analog Devices Norwood, MA, 2006.
- [3] Y.-C. Kuo, C.-Y. Kuo, and C.-H. Kuo, "Designing a reconfigurable biopotential amplifiers for medical instrumentation course," in *2014 IEEE International Conference on Systems, Man, and Cybernetics (SMC)*, 2014, pp. 1186–1191.
- [4] L. Boquete, I. Bravo, R. Barea, J. Ascariz, and J. Martin, "Practical laboratory project in telemedicine: Supervision of electrocardiograms by mobile telephony," *IEEE Transactions on Education*, vol. 48, no. 2, pp. 329–336, 2005.
- [5] T.-T. Pan, P.-L. Fan, H. Chiang, R.-S. Chang, and J.-A. Jiang, "Mechatronic experiments course design: a myoelectric controlled partial-hand prosthesis project," *IEEE Transactions on Education*, vol. 47, no. 3, pp. 348–355, 2004.
- [6] A. Ubeda, E. Iañez, and J. M. Azorin, "Wireless and portable eog-based interface for assisting disabled people," *IEEE/ASME Transactions on Mechatronics*, vol. 16, no. 5, pp. 870–873, 2011.
- [7] D. Prutchi and M. Norris, *Design and development of medical electronic instrumentation: a practical perspective of the design, construction, and test of medical devices*. John Wiley & Sons, 2005.
- [8] P. Konrad, "The abc of emg," *A practical introduction to kinesiological electromyography*, vol. 1, no. 2005, pp. 30–5, 2005.
- [9] R. Barea, L. Boquete, M. Mazo, and E. López, "System for assisted mobility using eye movements based on electrooculography," *IEEE transactions on neural systems and rehabilitation engineering*, vol. 10, no. 4, pp. 209–218, 2002.
- [10] A. Sedra, K. C. Smith, T. C. Carusone, and V. Gaudet, "Microelectronic circuits 8th edition," *Chapter*, vol. 14, pp. 1235–1236, 2020.
- [11] J. Guerreiro, "A biosignal embedded system for physiological computing," Ph.D. dissertation, Instituto Superior de Engenharia de Lisboa, 2013.
- [12] D. R. Yengalwar, S. S. Zade, and D. L. Mute, "Four quadrant speed control of dc motor using chopper," *International Journal Of Engineering Sciences & Research Technology*, pp. 2277–9655, 2015.
- [13] R. I. Gonzalez-Fernandez, J. Aguilera-Perez, G. M. de Oca-Colina, M. Lopez-Fernandez, P. L. Gonzalez-Acosta, and M. Portieles-Perez, "A system for electrocardiographic studies in the community," in *2017 Computing in Cardiology (CinC)*, 2017, pp. 1–4.



- [14] H. Z. Analog Devices Inc. Engineeri, *Linear Circuit Design Handbook*. Newnes, 2008. [Online]. Available: <http://gen.lib.rus.ec/book/index.php?md5=c76b9ee2cdebef0d2c38d65f9c325a0e>
- [15] J. G. Webster, *Medical Instrumentation Application and Design, 4th Edition*, 4th ed., 2009. [Online]. Available: <http://gen.lib.rus.ec/book/index.php?md5=a104b020ea117288de8414fc86be5cc2>
- [16] W. J. Tompkins, "Biomedical digital signal processing," *Editorial Prentice Hall*, 1993.
- [17] J. V. Basmajian, "Muscles alive. their functions revealed by electromyography," *Academic Medicine*, vol. 37, no. 8, p. 802, 1962.
- [18] R. M. Enoka, *Neuromechanical basis of kinesiology*. Human kinetics Champaign, IL, 1994.
- [19] M. C. Nicolau Llobera, J. Burcet Dardé, R. V. Rial Planas *et al.*, *Manual de técnicas en Electrofisiología clínica*. Palma: Universitat de les Illes Balears, Servei de Publicacions i Intercanvi . . . , 1995.
- [20] R. Kher *et al.*, "Signal processing techniques for removing noise from ecg signals," *J. Biomed. Eng. Res*, vol. 3, no. 101, pp. 1–9, 2019.
- [21] I. A. Zaeni, *DASAR-DASAR ELEKTRONIKA MEDIK*. Ahlimedia Book, 2021.
- [22] J. Feng, S. H. Shehab, Y. Yang, N. C. Karmakar, and S. Gupta, "A design and implementation of an ambulatory electrocardiogram (ecg) acquisition circuit for emergency application," in *2018 12th International Symposium on Medical Information and Communication Technology (ISMICT)*. IEEE, 2018, pp. 1–6.
- [23] S. F. Barrett, "Operational amplifiers and filtering," in *Arduino VI: Bioinstrumentation*. Springer, 2023, pp. 177–197.