

Daftar Pustaka

- [1] V. Sarode, P. M. Chimurkar, and A. N. Cheeran (2012), "ELECTRICAL IMPEDANCE TOMOGRAPHY (EIT) BASED MEDICAL IMAGING USING FINITE ELEMENT METHOD (FEM)," *Int. J. Eng. Sci. Emerg. Technol.*, vol. 1, no. 2, pp. 83–89.
- [2] Z. Shuai, X. Guizhi, G. Duyan, and Y. Weili (2006), "Multi-frequency EIT Hardware System Based on DSP," *Eng. Med. Biol. Soc. 2006 EMBS 06 28th Annu. Int. Conf. IEEE*, vol. Supplement, pp. 6677–6680.
- [3] M. Khalighi, B. V. Vahdat, M. Mortazavi, and M. Mikaeili (2014), "Design and Implementation of Precise Hardware For Electrical Impedance Tomography (EIT)," *IJST Trans. Electr. Eng.*, vol. 38, no. E1, pp. 1–20.
- [4] T. R. Qureshi, C. R. Chatwin, and W. Wang (2012), "Design of Wideband Voltage Source Having Low Output Impedance, Flexible Gain and Controllable Feedback Current for EIT Systems," *2012 2nd Int. Conf. Biomed. Eng. Technol.*, vol. 34, pp. 45–50.
- [5] Z. Li, Z. Xu, C. Ren, W. Wang, D. Zhao, and H. Zhang (2010), "Study of Voltage Control Current Source in Electrical Impedance Tomography System," *2010 4th Int. Conf. Bioinforma. Biomed. Eng. ICBBE*, pp. 1–4.
- [6] Rony Adhi Nugroho (2010), "Rancang Bangun Alat Sumber Arus Terprogram Berbasis Mikrokontroler AVR", FMIPA UI.
- [7] Singkop Marulitua Munthe (2011), "Rancang Bangun Prototipe Sistem *Electrical Impedance Tomography* Dengan Menggunakan *Multi* Frekuensi, Skripsi, FMIPA-UI.
- [8] Q Marashdeh, L-S. Fan, B. Du, and W. Warsito (2008), "Electrical Capacitance Tomography-A Perspective," *Ind. Eng. Chem. Res.*, 47 (10), 3708-3719.
- [9] Indraswari, Y, P., Dudi Darmawan, Mamat Rokhmat (2015), "Studi Penentuan Konfigurasi Sistem Induksi Pada Induced Current Electrical Impedance Tomography (ICEIT), *e-Proceeding of Engineering : Vol.2. No. 1*, 2355-9365, pp 531-539.

- [10] Petchmaneelumk (2009), "Simple floating inductance simulators using OTAs", IEEE Instrumentation and Measurement Technology Conference, 1091-5281, DOI: 10.1109/IMTC.2009.5168602.
- [11] Fadlioni, Asriyadi (2018), "Eksperimen dan Simulasi Rangkaian Band Pass Filter (BPF) dengan Resistor dan Kapasitor", RESISTOR (elektronika kendali telekomunikasi tenaga listrik komputer) Vol. 1 No. 2. e- ISSN : 2621-9700, p-ISSN : 2654-2684, pp 69-78.
- [12] Dr. Anil Kumar Khambampati (2020), "Imaging Conductivity Changes in Monolayer Graphene Using Electrical Impedance Tomography", Micromachines, 11(12), 1074; <https://doi.org/10.3390/mi11121074>.
- [13] Amir, A. L. (2019). Characterization Study of Induced Current Electrical Impedance Tomography (ICEIT) on Iron Powder Distribution in Soil. e-Proceeding of Engineering, 5410 – 5420
- [14] Harikumar, R., Prabu, R., & Raghavan, S. (2013). *Electrical Impedance Tomography (EIT) and Its Medical Applications: A Review*. International Journal of Soft Computing and Engineering (IJSCE), 193 - 198.
- [15] Desinta Purnamasari Gunawan (2019). Efisiensi Daya Penguat OCL Stereo dengan Power Amplifier 2N3055 dan MJ2955 Terhadap Perubahan Besaran Tegangan Input. UNNES.
- [16] BAB1, Universitas Andalas <http://scholar.unand.ac.id/13442/2/BAB%20I.pdf>
- [17] Kirson, E. D., Gurvich, Z. Schneiderman, R. D., Itzhaki, A., Wasserman, Y., Schatzberger, R., and Palti, Y., 2004, *Disruption of cancer cell replication by alternating electric fields*, Cancer Res., 64, 3288-3295.
- [18] Firman Alamsyah, PhD. Dr. Syarif Hidayat Syafitri Jumianto, M.Si. Dyah Ayu Suliandrari. Simulasi Komputer Distribusi Medan Listrik untuk Pengembangan Alat Kesehatan Pencegah dan terapi Stroke dengan Software Netlogo. Universitas Al Azhar. 2020.
- [19] S. S. Hussain, A. F. M. Yusof, M. R. Mohd Shafri, dan A. R. Ahmad (2021), *A Comparative Study on Phantom Selection for Electrical Impedance Tomography*, Journal of Electrical Bioimpedance, <https://www.degruyter.com/document/doi/10.2478/joeb-2021-0015/html>.

- [20] Ma, X., Zhou, H., & Li, C. (2020). Numerical simulation and phantom experiment of a new shape for EIT measurement. *Measurement*, 162, 179-187. <https://doi.org/10.1016/j.measurement.2020.06.033>.
- [21] Andreas Hahn, dkk.(2019), "*Electrical Impedance Tomography: Progress in System Development and Clinical Applications*", *Journal of Electrical Bioimpedance*, Volume 10, Issue 1.
- [21] Yifei Wang, dkk (2018), "*Evaluation of a portable electrical impedance tomography (EIT) system using multiple tetrapolar measurement configurations*", *Physiological Measurement*, Volume 39, Issue 9.
- [22] David S. Holder (1995), "*Electrical Impedance Tomography: Methods, History, and Applications*", *Clinical Physics and Physiological Measurement*, Volume 16, Issue 4A.
- [23] Rosell, J., Colominas, I., Sole-Casals, J., & Morales, R. (2017). *Electrode effect on surface potentials and internal current density distribution in human tissue for EIT applications*. *Biomedical Signal Processing and Control*, 35, 97-105. <https://doi.org/10.1016/j.bspc.2017.01.018>.
- [24] Adler, A., Lionheart, W. R. B., & Tizzard, A. (2009). The effect of current density distribution on EIT images. *Physiological Measurement*, 30(7), S43-S49. <https://doi.org/10.1088/0967-3334/30/7/S04>.