DAFTAR PUSTAKA

[1] Luk, K. (2011). The Importance of the New Developments in Antenas for Wireless Communications. *Proceedings of the IEEE*, *99*(12), 2082–2084. https://doi.org/10.1109/JPROC.2011.2167430

[2] Award, A. C. M. T., Cook, S. A., Science, C., Conference, A. C. M. A., Complexity, T., Procedures, T. P., & Symposium, A. C. M. S. (1983). Stephen Arthur Cook 1982 ACM Turing Award AN OVERVIEW OF COMPUTATIONAL, *26*(6).

[3] D. Karaboga, D. Pham. Intelligent Optimisation Techniques: Genetic Algorithms, Tabu Search, Simulated Annealing and Neural Networks. Springer Verlag, 2000.

[4] Umar, R., Mohammed, F., Deriche, M., & Sheikh, A. U. H. (2014). Hybrid cooperative energy detection techniques in cognitive radio networks. *Handbook of Research on Software-Defined and Cognitive Radio Technologies for Dynamic Spectrum Management*, *1*(January), 1–37. https://doi.org/10.4018/978-1-4666-6571-2.ch001

[5] Mishra, R. G., Studies, E., Mishra, R., Studies, E., Kuchhal, P., Studies, E., … Studies, E. (2018). Analysis of the Mikrostrip Patch Antena designed using Genetic Algorithm based Optimization for Wide-Band Applications, (March). https://doi.org/10.12732/ijpam.v118i11.108

[6] Sabouni, A., Noghanian, S., & Zahedi, M. M. (n.d.). OPTIMIZATION OF MIKROSTRIP PATCH ANTENA USING GENETIC, 4–7

[7] Jain, P., Gwalior, P., Maheshwari, V., & Gwalior, P. (2016). MICRO STRIP PATCH ANTENA OPTIMIZATION USING GENETIC, *2*(2), 30–33.

[8] Lamsalli, M., Hamichi, A. El, Boussouis, M., Touhami, N. A., & Elhamadi, T. (2016). Genetic Algorithm Optimization for Mikrostrip Patch Antena Miniaturization, *60*(May), 113–120.

[9] Talbi, E.-G. (2009). *METAHEURISTICS*. *University of Lille – CNRS – INRIA* (Vol. 112). https://doi.org/10.1192/bjp.112.483.211-a

[10] Melanie, M. (n.d.). An Introduction to Genetic Algorithms.

[11] Algorithms, T. G., & Rcpp, L. (2019). Package ‘ GA .’

[12] Balanis, C. A. (n.d.). *MODERN ANTENA*.

[13] Untuk, G. H. Z., Wireless, A., Yovita, E., Utami, D., Setiaji, F. D., & Pebrianto, D. (2017). RANCANG BANGUN ANTENA MIKROSTRIP PERSEGI PANJANG 2 , 4, (3).

[14] A. C. Ltd, "Antenas and propagation: SMA connector." [Online]. Available: http://www.radioelectronics.com/info/antenas/coax/sma_connector.php.

[15] Adrio Communications Ltd, "Antenas and propagation: SMA connector" [Online].Available:http://www.radioelectronics.com/info/antenas/coax/sma_connector.php]. [Accessed: 12-May-2017].

[16] Technology Blog. *MiniVNA Tiny Plus Review*. [online]. Available : https://www.disk91.com/2017/technology/hardware/*Mini*vna-tiny-plus-review/. 12 Juli 2019.

[17] CST-Computer Simulation Technology. *CST Studio Suite*. [online]. Available : https://www.cst.com/products/csts2. 20 Maret 2018.

[18] Cimss. *What is MATLAB.* [online]. Available : http://cimss.ssec.wisc.edu/wxwise/class/aos340/spr00/whatismatlab.htm. 6 Juni 2019/

[19] Gong, Liyan. FR-4 PCB MATERIAL. [online]. Available : https://www.seeedstudio.com/blog/2017/09/20/fr4-pcb-material/. 22Agustus 2019

[20] Shodhganga. Antena Formula [online]. Available : https://shodhganga.inflibnet.ac.in/

[21] Muhammad, G. (2018). Algoritma genetika, (June).

[22] Qubati, G. M., & Dib, N. I. (2010). Mikrostrip patch antena optimization using modified central force optimization. *Progress In Electromagnetics Research B*, *21*(21), 281–298.

[23] Zaharis, Z. D., Gravas, I. P., Yioultsis, T. V., Lazaridis, P. I., Glover, I. A., Skeberis, C., & Xenos, T. D. (2017). Exponential Log-Periodic Antena Design Using Improved Particle Swarm Optimization with Velocity Mutation. *IEEE Transactions on Magnetics*, *53*(6), 1–4. https://doi.org/10.1109/TMAG.2017.2660061

[24] Li, Y. (2010). Simulation-based evolutionary method in antena design optimization. *Mathematical and Computer Modelling*, *51*(7–8), 944–955. https://doi.org/10.1016/j.mcm.2009.08.017

[25] Kaur, S., & Kumar, Y. (2013). OPTIMIZATION OF U-SLOT MIKROSTRIP PATCH ANTENA USING GENETIC ALGORITHM, *1*(10), 752–756.

[26] Jin, N., & Rahmat-Samii, Y. (2005). Parallel particle swarm optimization and finite-difference time-domain (PSO/FDTD) algorithm for multiband and wide-band patch antena designs. *IEEE Transactions on Antenas and Propagation*, *53*(11), 3459–3468. https://doi.org/10.1109/TAP.2005.858842

[27] P. Communication, "LITERATURE SURVEY 2.1 Introduction," pp. 33–68, 1900.