

## DAFTAR PUSTAKA

- [1] A. Bhattacharya, “Modeling and Simulation of Metamaterial-Based Device for Industrial Applications Engineer,” *CSTAG*, 2016.
- [2] X. Ding, K. Zhang, G. Yang, J. Fu, F. Meng dan Q. Wu, “Planar Metamaterial Realization From 3D metamaterial to 2D Metasurface,” dalam *Asia-Pacific Conference on Antennas and Propagation (APCAP)*, 2016.
- [3] C. L. Holloway, E. F. Kuester, J. A. Gordon, J. O'Hara, J. Booth dan D. R. Smith, “An Overview of the Theory and Applications of Metasurfaces: The Tho-Dimensional Equivalents of Metamaterial,” *IEEE Antennas and Propagation Magazine*, vol. 54, no. 2, 2012.
- [4] A. Hippel, “Theory and Application of RF/Microwave Absorbers,” *Emerson & Cuming Microwave Products*.
- [5] L. Chen, S.-W. Qu, B.-J. Chen, X. Bai, K.-B. Ng dan C. H. Chan, “Terahertz Metasurfaces for Absorber or Reflectarry Application,” *IEEE Transactions on Antennas and Propagation*, vol. 65, no. 1, pp. 234 - 241, 2017.
- [6] P. Zhong, X. Hou dan Q. Zhang, “An Optimized Ultrathin and Broadband Metamaterial Absorber Uing Slotted Square Loop with Multi Layers,” dalam *International Conference on Microwave and Millimeter Wave Technology (ICMMT)*, Chengdu, China, 2018.
- [7] W. Pan, X. Yu, J. Zhang dan W. Zeng, “A Novel Design of Broadband Terahertz Metamaterial Absorber Based in Nested Circle Rings,” *IEEE Photonics Technology Letters*, vol. 28, no. 21, pp. 2335 - 2338 , 2016.
- [8] T. T. Nguyen dan S. Lim, “Bandwidth Enchancement of Metamaterial Absorber Using Double Resonance,” dalam *Asia Pasific Microwave Conference (APMC)*, 2018.

- [9] B. C. A, Modern Antenna Handbook, Canada: John Willey & Sons, Inc, 2008.
- [10] A. Munir dan V. Fusco, “Characterization of Microwave Anisotropic Thin ] Radar Absorber Using Artificial Magnetic Groundplane,” dalam *Asia Pasific Microwave Conference*, Macau, 2008.
- [11] L. O. Nur, A. Kurniawan, S. dan A. Munir, “Theoretical Analysis of Resonant ] Frequency for AMC based Absorber Composed of Square Patch Array,” *International Journal on Electrical Engineering and Informatics*, vol. 7, p. 2, 2015.
- [12] Y. Zhang, J. V. Hagen, M. Younis, C. Fischer dan W. Wiesbeck, “Planar ] Artificial Magnetic Conductors and Patch Antennas,” *IEEE Transactions on Antennas and Propagation*, vol. 51, no. 10, pp. 2704 - 2712, 2003.
- [13] I. Fikry, B. S. Nugroho dan L. O. Nur, Perancangan dan Realisasi Penyerap ] Gelombang Elektromagnetik Wearable Pada Frekuensi ISM-Band Berbasis Artificial Magnetic Conductor, Bandung: Universitas Telkom, 2018.
- [14] D. M. Pozar, Microwave Engineering, John Wiley & Sons, Inc, 2005.  
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- [15 K. Kurokawa, “Power Wave and the Scattering Matrix,” *IEEE Transactions on Microwave Theory and Techniques*, vol. 13, no. 2, pp. 194-202, 1965.
- [16 Y. Manurun, B. S. Nugroho dan L. O. Nur, Perancangan dan Realisasi Penyerap Gelombang Elektromagnetik Fleksibel Pada Frekuensi 2.4 GHz Untuk Melindungi Perangkat Tanam Medis, Bandung: Universitas Telkom, 2017.
- [17 I. M. S. Wiryawan, L. O. Nur dan T. Yunita , Analisis Pengaruh Kapasitor Pada Penyerap Gelombang Mikro Berbasis AMC, Bandung: Universitas Telkom, 2018.