



## DAFTAR PUSTAKA

- Achouri, K., & Caloz, C. (2021). Electromagnetic Properties of Metals. In *Plasma and Plasmonics* (hal. 7–29). <https://doi.org/10.1515/9783110570038-035>
- Arteaga, O., Sancho-Parramon, J., Nichols, S., Maoz, B. M., Canillas, A., Bosch, S., Markovich, G., & Kahr, B. (2016). Relation between 2D/3D chirality and the appearance of chiroptical effects in real nanostructures. *Optics Express*, 24(3), 2242. <https://doi.org/10.1364/oe.24.002242>
- Bait-suwalim, M. M. (2019). *Electromagnetic Field Interaction with Metamaterials*.
- Buriak, I. A., Zhurba, V. O., Vorobjov, G. S., Kulizhko, V. R., Kononov, O. K., & Rybalko, O. (2016). *Metamaterials: Theory, Classification and Application Strategies (Review)*. 8(4), 1–6. [https://doi.org/10.21272/jnep.8\(4\(2\)\).04088](https://doi.org/10.21272/jnep.8(4(2)).04088)
- Caloz, C., & Sihvola, A. (2020). *Electromagnetic Chirality , Part I: Microscopic Perspective*. <https://doi.org/10.1109/MAP.2019.2955698>
- Chern, R. (2013). *Wave propagation in chiral media : composite Fresnel equations*. 075702. <https://doi.org/10.1088/2040-8978/15/7/075702>
- Chunder Bose, J. (1898). On the Rotation of Plane of Polarisation of Electric Waves by a Twisted Structure. *Proceedings of the Royal Society of London Series I*, 63, 146–152.
- Crehore, A. C. (1918). Some applications of electromagnetic theory to matter. *Transactions of the American Institute of Electrical Engineers*, 37(1), 261–293. <https://doi.org/10.1109/T-AIEE.1918.4765529>
- He, M., Han, J., Tian, Z., Gu, J., & Xing, Q. (2011). Negative refractive index in chiral spiral metamaterials at terahertz frequencies. *Optik*, 122(18), 1676–1679. <https://doi.org/10.1016/j.ijleo.2010.10.024>
- J.B. Pendry, A. J. Holden, D. J. Robbins, & W. J. Stewart. (1999). Magnetism from conductors, and enhanced non-linear phenomena. *IEEE Transactions on Microwave Theory and Techniques*, 47(11), 2075–2084.
- Kanda, N., Konishi, K., & Kuwata-Gonokami, M. (2007). Terahertz wave polarization rotation with double layered metal grating of complimentary chiral patterns. *Optics Express*, 15(18), 11117. <https://doi.org/10.1364/oe.15.011117>
- Kshetrimayum, R. S. (2005). A brief intro to metamaterials. *IEEE Potentials*, 23(5), 44–46. <https://doi.org/10.1109/MP.2005.1368916>
- Morin, D. (2014). Electromagnetic Waves. *Green Energy and Technology*, 194, 27–50. [https://doi.org/10.1007/978-3-319-08512-8\\_2](https://doi.org/10.1007/978-3-319-08512-8_2)
- Pedrotti, F. L., & Pedrott, L. S. (2017). Introduction to Optics. In *Fluorescence Microscopy: From Principles to Biological Applications: Second Edition*. <https://doi.org/10.1002/9783527687732.ch1>



- Pendry, J. B. (1996). Extremely Low Frequency Plasmons in Metallic Mesosstructures. *Physical Review Letters*, 76(25). <https://doi.org/10.1103/PhysRevLett.87.119701>
- Pendry, J. B. (2004). A chiral route to negative refraction. *Science*. <https://doi.org/10.1126/science.1104467>
- Plum, E. (2010). *Chirality and Metamaterials*.
- Ranjbar, B., & Gill, P. (2009). Circular dichroism techniques: Biomolecular and nanostructural analyses- A review. *Chemical Biology and Drug Design*, 74(2), 101–120. <https://doi.org/10.1111/j.1747-0285.2009.00847.x>
- Sihvola, A., Semchenko, I., & Khakhomov, S. (2014). ScienceDirect View on the history of electromagnetics of metamaterials : Evolution of the congress series of complex media. *Photonics and Nanostructures - Fundamentals and Applications*, 12(4), 279–283. <https://doi.org/10.1016/j.photonics.2014.03.004>
- Solymar, L., & Shamonina, E. (2009). *Waves in metamaterial*.
- Tao, H., Padilla, W. J., Zhang, X., & Averitt, R. D. (2011). *Recent Progress in Electromagnetic Metamaterial Devices for Terahertz Applications*. 17(1), 92–101.
- Tcvetkova, S. (2015). *ARTIFICIAL REFLECTING STRUCTURES BASED ON METAMATERIALS*. May. <https://doi.org/10.13140/RG.2.1.3082.9528>
- Wang, B., Zhou, J., Koschny, T., Kafesaki, M., & Soukoulis, C. M. (2009). Chiral metamaterials: simulations and experiments. *Journal of Optics A: Pure and Applied Optics*, 11(11), 114003. <https://doi.org/10.1088/1464-4258/11/11/114003>
- Wenshan Cai n Vladimir Shalaev. (2010). *Books of Optical Metamaterials - Fundamentals and Applications by Wenshan Cai n Vladimir Shalaev* - 978-1-4419-1150-6.
- Wu, J., Ng, B., Liang, H., Breese, M. B. H., Hong, M., Maier, S. A., Moser, H. O., & Hess, O. (2014). Chiral Metafoils for Terahertz Broadband High-Contrast Flexible Circular Polarizers. *Physical Review Applied*, 2(1), 1–8. <https://doi.org/10.1103/PhysRevApplied.2.014005>
- Yuliara, I. M. (2016). *Polarisasi*.



Zhao, R., Zhang, L., Zhou, J., Koschny, T., & Soukoulis, C. M. (2011). Conjugated gammadion chiral metamaterial with uniaxial optical activity and negative refractive index. *Physical Review B - Condensed Matter and Materials Physics*, 83(3), 4–7. <https://doi.org/10.1103/PhysRevB.83.035105>

Zheludev, N. I. (2010). *The Road Ahead for Metamaterials*. 328(April), 582–583.

Zhou, J., Chowdhury, D. R., Zhao, R., Azad, A. K., Chen, H. T., Soukoulis, C. M., Taylor, A. J., & O'Hara, J. F. (2012). Terahertz chiral metamaterials with giant and dynamically tunable optical activity. *Physical Review B - Condensed Matter and Materials Physics*, 86(3), 2–7. <https://doi.org/10.1103/PhysRevB.86.035448>