

DAFTAR PUSTAKA

- Barchiesi, D., & Otto, A., 2013, Excitations of surface plasmon polaritons by attenuated total reflection, revisited, *La Rivista del Nuovo Cimento*, 36(5), 173-209.
- Barnes, W. L., Dereux, A., Ebbesen, T. W., 2003, Surface plasmon subwavelength optics, *Nature*, 424 (6950): 824–30.
- Boer, K.W., 1992, *Survey of Semiconductor Physics, Volume II*, Springer Science+Business Media, New York.
- Dentan, V., Levy, Y., Dumont, M., Robin, P., & Chastaing, E., 1989, Electrooptic properties of a ferroelectric polymer studied by attenuated total reflection, *Optics communications*, 69(5-6), 379-383.
- de Fornel, F., 2000, *Evanescence waves—From Newtonian optics to atomic optics.*, Berlin: Springer- Verlag, ISBN: 9783540658450.
- Gunawan, V., 2005, Pantulan Total Teredam untuk Deteksi Magnon Polariton dalam Lapisan Tipis Bahan Logam Antiferromagnet, *Berkala Fisika*, 8 (2), hal. 45-52, ISSN 1410 – 9662.
- Gunawan, V., 2019, The Numerical Analysis of Attenuated Total Reflection (ATR) Spectroscopy of The Surface Modes in Ferroelectric Lattice Model, *International Journal of Innovative Research in Advanced Engineering (IJIRAE)*, Vol. 6, No. 11, hal. 630-634.
- Jackson, J. D., 1975, "10.8 Plasma Oscillations". *Classical Electrodynamics* (2nd ed.), John Wiley & Sons, New York.
- Jensen, M.R.F., Parker, T.J., Abraha, K. and Tilley, D.R., 1995, Experimental Observation of Magnetic Surface Polaritons in FeF₂ by Attenuated Total Reflection. *Phys. Rev. Lett.* 75, 20, 3756-3759.
- Kawano, K., & Kitoh, T., 2004, *Introduction to Optical Waveguide Analysis: Solving Maxwell's Equation and the Schrödinger Equation*, John Wiley & Sons, New York.
- Kurniawidi, D. W., & Abraha, K., 2007, An Effective Medium Study on the Surface Attenuated Total Reflection (ATR) Spectra of Dielectric Composites, *1st International conference on Chemical Sciences (ICCS-2007)*, Yogyakarta, 24-26 May 2007, hal. 114-129.
- Li, M., Cushing, S. K., & Wu, N., 2015, Plasmon-enhanced optical sensors: a review, *Analyst*, 140(2), 386-406.
- Maier, S.A., 2007, Electromagnetics of metals. *Plasmonics: Fundamentals and Applications*, hal. 5-19, Springer, New York.
- Otto, A., 1968, Excitation of nonradiative surface plasma waves in silver by the method of frustrated total reflection, *Z. Phys.* 216, 398.
- Palik, E. D., 1998, *Handbook of Optical Constants of Solids*, Elsevier
- Pitarke, J. M., Silkin, V. M., Chulkov, E. V., & Echenique, P. M., 2005, Surface plasmons in metallic structures, *Journal of Optics A: Pure and Applied Optics*, 7(2), S73.
- Rohlf, K., & Wilson, T. L., 2013, *Tools of radio astronomy*, Springer Science & Business Media.

- Sarid, D. and Challener, W.A., 2010, *Modern introduction to surface plasmons: theory, Mathematica modeling, and applications*, Cambridge University Press.
- Sato, A., 2006, Surface Plasmon Fluorescence Spectroscopy and Optical Waveguide Fluorescence Spectroscopy in Limit of Detection Studies, *Master Thesis*, Max Planck Institute for Polymer Research, Johannes Gutenberg University of Mainz, Mainz..
- Serway, R. A., & Jewett, J. W., 2018, *Physics for scientists and engineers*. Cengage learning.
- Shah, K., Sharma, N.K. and Sajal, V., 2017, SPR based fiber optic sensor with bi layers of indium tin oxide and platinum: a theoretical evaluation, *Optik*, 135, hal.50-56.
- Stoyanov, H. Y., 2011, An Analytical Approach to the Prism Coupling Problem in Otto Configuration in the Presence of Parabolic Metal Surface, *Bulg. J. Phys*, 38, hal.155-163.
- Tang, Y., Zeng, X., & Liang, J., 2010, Surface plasmon resonance: an introduction to a surface spectroscopy technique, *Journal of chemical education*, 87(7), hal. 742-746.
- Thoreson, M. D., Liu, Z., Chettiar, U. K., Nyga, P., Kildishev, A. V., Drachev, V. P., ... & Shalaev, V. M., 2010, Studies on metal-dielectric plasmonic structures. *Sandia Report SAND2009-7034*, Sandia National Laboratories, United States, 41(20), hal. 1-68.
- Tipler, P. A., & Mosca, G., 2007, *Physics for scientists and engineers*, Macmillan.
- Urbaniak-Domagala, W., 2012, The use of the spectrometric technique FTIR-ATR to examine the polymers surface, *Advanced aspects of spectroscopy*, 3, hal. 85-104.
- Walker, J., Resnick, R., & Halliday, D., 2014, *Halliday and resnick fundamentals of physics*, Wiley.
- Wangness, R.K., 1986, *2nd Edition: Electromagnetic Fields*, John Wiley & Sons, Inc., Canada.
- Welford, K., 1991, Surface plasmon-polaritons and their uses, *Optical and Quantum Electronics*, 23(1), hal. 1-27.
- West, P. R., Ishii S., Naik, G. V., Emani, N. K., Shalaev, V. M., Boltasseva, A., 2010, Searching for better plasmonic materials, *Laser Photonics Rev.* 4, No. 6, hal. 795–808.
- Woods, D. A., & Bain, C. D., 2014, Total internal reflection spectroscopy for studying soft matter, *Soft Matter*, 10(8), hal. 1071-1096.
- Xia, Y., & Halas, N. J., 2005, Shape-controlled synthesis and surface plasmonic properties of metallic nanostructures, *MRS bulletin*, 30(5), hal. 338-348.
- Y. Li., 2017, Chapter 1: Optical properties of plasmonic materials. *Plasmonic Optics: Theory and Applications*, SPIE Press, hal. 1–39.
- Yunianto, M. and Abraha, K., 2007, Penentuan Frekuensi Resonansi Material Semikonduktor Gallium Nitrida (GaN) dengan Metode ATR (Attenuated Total Reflection), *A Biennial Conference on Physics and Its Application*, Solo, 28 Juli 2007, hal. 261-266

Zhang, J., Zhang, L., & Xu, W., 2012, Surface plasmon polaritons- physics and applications. *Journal of Physics D- Applied Physics*, 45, 113001.