



Integrated Photonics

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Supplementary reading

1. Composite plasmonic waveguides

Journal articles:

Transmittance and surface intensity in 3D composite plasmonic waveguides. Karabchevsky, A., Zervas, M. N. and Wilkinson, J. S., Opt. Express, 23:14407-4423 (2015).

Invisibility Cloaking Scheme by Evanescent Fields Distortion on Composite Plasmonic Waveguides with Si Nano-Spacer. Galutin, Y., Falek, E. and Karabchevsky, A., Nature Sci. Rep 7:12076 1-6 (2018).

2. Eigenvalue problem, orthogonality of optical modes, normalization factor, coupling of the fields

Book: Optical waveguide theory

by Allan W. Snyder and John D. Love

Chapter: 11

3. Kramers–Kronig Relation

Book: Kramers–Kronig Relations in Optical Materials Research

by V. Lucarini J.J. Saarinen K.-E. Peiponen E.M. Vartiainen

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