

Appendix

This appendix lists some references about Rigorous Coupled Wave Analysis, which is used by GSOLVER.

- [1] M. G. Moharam and T. K. Gaylord, “Diffraction Analysis of Dielectric Surface-Relief Gratings”, *J. Opt. Soc. Am.* **72**, 1385 (1982)
- [2] T. K. Gaylord and M. G. Moharam, “Analysis and Applications of Optical Diffraction by Gratings”, *Proc. of the IEEE* **73**, 894 (1985)
- [3] M. G. Moharam and T. K. Gaylord, “Rigorous coupled-wave analysis of metallic surface-relief gratings”, *J. Opt. Soc. Am. A* **3**, 1780 (1986)
- [4] T. K. Gaylord, W. E. Baird and M. G. Moharam, “Zero-reflectivity high spatial-frequency rectangular-groove dielectric surface-relief gratings”, *Appl. Opt.* **25**, 4562 (1986)
- [5] L. Li, “Multilayer modal method for diffraction gratings of arbitrary profile, depth, and permittivity”, *J. Opt. Soc. Am. A* **10**, 2581 (1993)
- [6] L. Li and C. W. Haggans, “Convergence of the coupled-wave method for metallic lamellar diffraction gratings”, *J. Opt. Soc. Am. A* **10**, 1185 (1993)
- [7] E. Popov, L. Tsonev, and D. Maystre, “Lamellar metallic grating anomalies”, *Appl. Opt.* **33**, 5214 (1994)