



Field Guide to Interferometric Optical Testing (SPIE Field Guide Series Vol. FG10)

By Eric P. Goodwin, James C. Wyant



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A distillation of Dr. Wyant's course at University of Arizona, this Field Guide covers the key fundamentals of interferometry, types of interferometers and interferograms, concepts of phase-shifting interferometry, long-wavelength interferometry, testing of aspheric surfaces, measurement of surface microstructure, flat and curved surface testing, and absolute measurements.

Contents

- Glossary
- Fundamentals of Interferometry
- Interferometers
- Interferograms
- Phase-Shifting Interferometry
- Surface Microstructure
- Flat Surface Testing
- Curved Space Testing
- Absolute Measurements
- Asphere Testing
- Appendices
- Equation Summary
- Bibliography
- Index

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