

Table of Contents

Introduction	v
1. The Optics of Invertebrate Eyes <i>Michael F. Land</i>	1
2. Photoreceptor Sampling and Aliasing in Human Vision <i>David R. Williams</i>	15
3. Squeezed States of Light <i>Malvin C. Teich and Bahaa E. A. Saleh</i>	29
4. Free-Electron Lasers <i>Charles A. Brau</i>	53
5. Advances in Laser Resonator Design Using Variable-Reflectivity Mirrors <i>A. E. Siegman</i>	65
6. New Optical Glasses for the 1980s <i>Tetsuro Izumitani</i>	85
7. Unconventional Coatings <i>H. Angus Macleod</i>	121
8. Methods for Characterizing Surface Topography <i>T. V. Vorburger</i>	137