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Part 3 Applications: crystal optics-- optics of metals-- ellipsometry. (source: Nielsen Book Data) Summary This self-study guide explores polarization using the Stokes vector, the Stokes parameters and the Mueller matrices - lending a modern perspective to the topic. It includes material on the experiment for the classical Zeeman effect.

Coherent Optics presents, in a concise and lively overview, easy access to the fundamentals and modern aspects of this field. From text based on coherence and its measurement the reader gains access to the fields of interferometry, holography and Fourier optics while becoming acquainted with methods of coherent optical techniques of measurement.

BOOK REVIEWS Coherent Optics: Fundamentals and Applications Werner Lauterborn, Thomas Kurz, and Martin Wiesenfeldt, X 294 pages, illustrations, index, references, lists of additional readings, two appendixes, problems following each chapter except Chap. 2, and solutions at the end of book Appendix 2. ISBN 3-540-58372-6. Springer Verlag, 175 Fifth Avenue, New York 10011 1995 \$49 hardbound ...

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