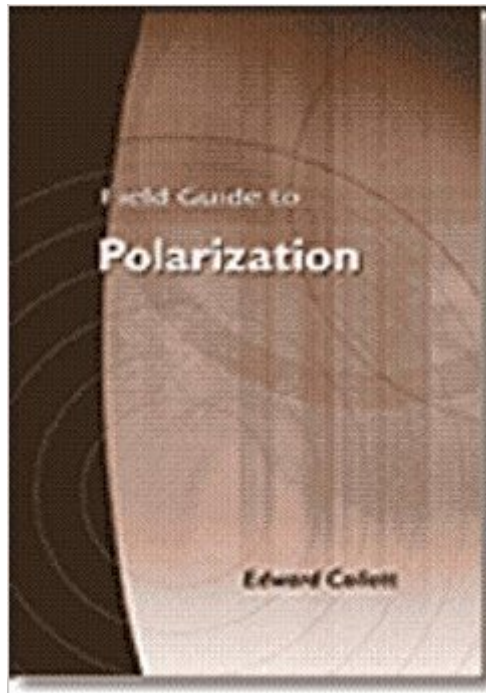




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Field Guide To Polarization (SPIE Vol. FG05)



Synopsis

The polarization of light is one of the most remarkable phenomena in nature and has led to numerous discoveries and applications. The nature and mathematical formulation of unpolarized light and partially polarized light were not readily forthcoming until the 1950s, when questions about polarized light and the mathematical tools to deal with it began to be addressed in earnest. As a result, there is a very good understanding of polarized light today. The primary objective of this Guide is to provide an introduction to the developments in polarized light that have taken place over the past half-century, and present the most salient topics of the subject matter such as Mueller matrices, Stokes polarization parameters, and Jones matrices.

Book Information

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Customer Reviews

If you wear a lab coat this is a great pocket reference for refreshing yourself, to start writing a MatLab function, and a daily working reference of available tools. This is not an applications reference, but a principles reference. It could serve as a nice concise supplement to a text for someone taking a course in optics, fewer pages to flip through to find the right equation. This is not a teach yourself text for polarization.

it is good

If your local (university) doesn't have Dennis Goldstein's "Polarized Light" (pp. 651), Collett's may serve your purposes at reasonable cost. I am glad I bought the Field Guide -- one of SPIE series. It

has a great index.

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