

demanding the far greater time required in searching through the abundant and often disconnected literature.

The Appendix, which purports to discuss determinants, is a token. If you have assimilated the text to the point where you reach the Appendix, you won't need it. If you don't know what a determinant is, forget it; then, incidentally, forget the rest of the book.

I definitely recommend the reading of this book by anyone who wants to learn inversion techniques from scratch, and who is not unacquainted with numerical methods. The book is valuable, if for no other reason than that there are probably no others of its kind. But it does, however, stand on its own merit. Even if you never invert the radiative transfer equation, (and you probably won't; knowing is one thing, doing is a large number of steps beyond knowing), the experience in learning the various techniques of inversion is itself satisfying.

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Journées de la Télédétection, Proceedings of the G.D.T.A. (Groupement pour la Télédétection Aérospatiale)—1976 Symposium, 26–28 Octobre 1976, Toulouse, France. Two Volumes, 712 pages, \$30.00*

These two volumes represent a collection of remote sensing investigations over various French geographical regions. These data had been evaluated and interpreted by a number of the best French remote sensing specialists during the period 1972–1976. In 35 papers a broad overview of remote sensing activities undertaken with sensors ranging from photographic cameras, to radiometers, to multispectral scanners and radars is presented. Some of these papers are related to technical problems associated with the sensors, data acquisition, and data processing, but most of the papers describe concrete results and experiences in the fields of geology, agriculture, geomorphology, soil science, hydrology, oceanography and land-use management. Special emphasis seems to have been given on problems related to water resources and geology.

All papers are written in the French language. Many are illustrated with black and white photographs, diagrams, and even colored classification maps. Most of these papers have an English abstract and contain an extensive bibliography, especially of French scientific works. These books should be very interesting for many scientists who are familiar with the French remote sensing terminology.

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*Available from G.D.T.A., 31 avenue Edouard Belin, 31055–Toulouse (France).