

R. Seroul, S. Levy

A Beginner's Book of T_EX

Translated from the French by S. Levy

1991. XII, 282 pp. Softcover DM 58,- ISBN 3-540-97562-4

This book is a friendly introduction to T_EX, the powerful typesetting system designed by Don Knuth. It is addressed primarily to beginners, but it contains much information that will be useful to aspiring T_EX “wizards”. Moreover, the authors kept firmly in mind the diversity of backgrounds that characterizes T_EX users: authors in the sciences and in the humanities, secretaries, technical typists . . .

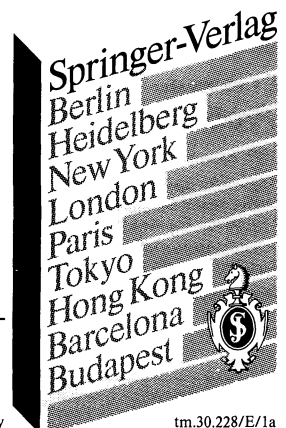
The book contains a careful explanation of all fundamental concepts and commands, but also a wealth of commented examples and “tricks” based on the authors’ long experience with T_EX. The attentive reader will quickly be able to create a table, or customize the appearance of the page, or code even the most complicated formula. The last third of the book is devoted to a Dictionary/Index, summarizing all the material in the text and going into greater depth in many areas.

J. Désarménien (Ed.)

T_EX for Scientific Documentation

Second European Conference
Strasbourg, France, June 19-21, 1986
Proceedings

1986. VI, 204 pp. (Lecture Notes in Computer Science, Vol. 236) Softcover DM 36,-
ISBN 3-540-16807-9



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Topics in Geophysics

H. C. Soffel

Paläomagnetismus und Archäomagnetismus

1991. XII, 276 S. 219 Abb. 14 Tab. Brosch. DM 78,-
ISBN 3-540-53890-9

Im Gegensatz zu anderen Büchern über Paläomagnetismus bezieht dieses Buch den Gesteinsmagnetismus mit ein. Dadurch erlaubt es auch Wissenschaftlern aus Nachbardisziplinen (Geologen, Stratigraphen, Tektonikern, Mineralogen, Petrologen, Geographen und Archäologen), Möglichkeiten und Grenzen dieser Methode besser beurteilen zu können.

I. Palaz, S. Sengupta (Eds.)

Automated Pattern Analysis in Petroleum Exploration

1991. Approx. 305 pp. 187 figs. Hardcover DM 148,-
ISBN 3-540-97468-7

Here is a state-of-the-art survey of artificial intelligence in modern exploration programs. Focussing on standard exploration procedures, the contributions examine the advantages and pitfalls of using these new techniques, and, in the process, provide new, more accurate and consistent methods for solving old problems. They show how expert systems can provide the integration of information that is essential in the petroleum industry when solving the complicated questions facing the modern petroleum geoscientist.

D. Bahat

Tectonofractography

1991. XVIII, 354 pp. 197 figs. in 299 parts. Hardcover DM 298,-
ISBN 3-540-53281-1

This outstanding multidisciplinary study reviews the existence and behaviour of fractures (joints) and fracture surface morphology (fractography). The classification of characteristics will not only be useful for structural geologists, oil-, hydro-, and engineering geologists, but also for material sciences and environmental techniques.

Y. V. Riznichenko

Problems of Seismology

1992. Approx. 610 pp. Hardcover DM 298,- ISBN 3-540-54230-2

These most significant papers by Y. V. Riznichenko are related to fundamental problems of seismology such as Source Seismology, Seismic Hazard, Seismotectonic Flow of Rock Masses, Geoacoustics and Structural Seismology. For the first time a complete overview of his work on seismology is available in English.

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R. P. Gupta

Remote Sensing Geology

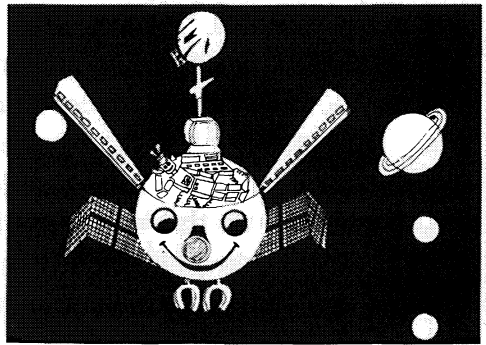
1991. XVI, 356 pp. 289 figs. 36 tabs. Hardcover DM 198,-
ISBN 3-540-52805-9

Remote Sensing Geology gives a full treatment of the subject by discussing remote sensing methods and applying them to geo-exploration.

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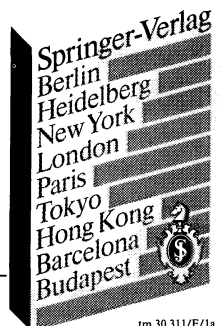
Future remote sensor - a cartoon sketch

P. Weimer, M. H. Link (Eds.)

Seismic Facies and Sedimentary Processes of Submarine Fans and Turbidite Systems

1991. Approx. 455 pp. 403 figs. 20 tabs. (Frontiers in Sedimentary Geology) Hardcover DM 168,- ISBN 3-540-97469-5

Contents: Preface. - Introduction. - Techniques and Topics in Turbidite Research. - Seismic Facies and Sedimentary Processes of Ancient Submarine Fans and Turbidite Systems. - Seismic Facies and Sedimentary Processes of Modern Submarine Fans and Turbidite Systems. - Appendix 1: Abstracts. - Index.



Communications in Mathematical Physics

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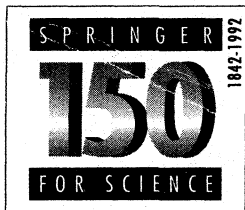
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