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Introduction to Partial Differential Equations (3rd Revised edition)

By K. Sankara Rao

Prentice-Hall of India Pvt.Ltd. Paperback. Book Condition: new. BRAND NEW, Introduction to Partial Differential Equations (3rd Revised edition), K. Sankara Rao, This comprehensive and well-organized book, now in its Third Edition, continues to provide the students with the fundamental concepts, the underlying principles, various well-known mathematical techniques and methods such as Laplace and Fourier transform techniques, the variable separable method, and Green's function method to solve partial differential equations. The text is supported by a number of worked-out examples and miscellaneous examples to enable the students to assimilate the fundamental concepts and the techniques for solving partial differential equations with various initial and boundary conditions. Besides, chapter-end exercises are also provided with hints to reinforce the students' skill. It is designed primarily to serve as a textbook for senior undergraduate and postgraduate students pursuing courses in applied mathematics, physics and engineering. Students appearing in various competitive examinations like NET, GATE, and the professionals working in scientific R&D organizations would also find this book both stimulating and highly useful. What is new to this edition ? Adds new sections on linear partial differential equations with constant coefficients and non-linear model equations. Offers additional worked-out examples and exercises to illustrate the concepts...



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