

Numerical Recipes in C

**The Art of Scientific Computing
Second Edition**

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Example Diskette for IBM-PC in C W. H. Press, B. P. Flannery, S. A. Teukolsky, W. T. Vetterling, 1988-04-29 Numerical Recipes in FORTRAN William H. Press, 1992 A complete text and reference book on scientific computing It proceeds from mathematical and theoretical considerations to actual practical computer routines **Numerical Recipes Routines and Examples in BASIC (First Edition)** Julien C. Sprott, 1991-04-26 Modern BASIC programmers will be delighted to learn that the routines and demonstration programs from the highly acclaimed reference book Numerical Recipes The Art of Scientific Computing are now available in their language of choice Numerical Recipes by William H Press Brian P Flannery Saul A Teukolsky and William T Vetterling is a computing and numerical analysis It is accompanied by the Numerical Recipes Example Book containing programs that demonstrate the subroutines Julien C Sprott has translated all of the recipes and programs over 350 in all into BASIC This book brings the routines and programs together in a single source that includes computer code and code captions from both the book and example book and the commentary from the example book It is recommended for use with one of the main Numerical Recipes books The author employs Microsoft QuickBasic 4.5 but the recipes are easily adapted for other modern forms of BASIC The programs contained in this book are also available as machine readable code on a 5 1/4 inch floppy diskette for IBM compatible computers *Numerical Recipes in Pascal (First Edition)* William H. Press, 1989-10-27 Numerical Recipes The Art of Scientific Computing was first published in 1986 and became an instant classic among scientists engineers and social scientists In this book the original time tested programs have been completely reworked into a clear consistent Pascal style This represents a significant improvement to the immensely successful programs contained in the first edition which were originally written in Fortran The authors make extensive use of pointers dynamic memory allocation and other features utilized by this language The explanatory text accompanying the programs replicates the lucid and easy to read prose found in the original version and incorporates corrections improvements and explanations of special Pascal features The product of a unique collaboration among four leading scientists in academic research and industry Numerical Recipes in Pascal fills a long recognized need for a practical comprehensive handbook of scientific computing in the Pascal language The book is designed both for the Pascal

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