

# **NUMERICAL RECIPES**

**Example Book [C]**

**Second Edition**

William T. Vetterling

William H. Press

Saul A. Teukolsky

Brian P. Flannery

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This example book is part of the *Numerical Recipes* series. It contains C source programs which exercise and demonstrate all of the *Numerical Recipes* subroutines, procedures, and functions. Each program contains comments and is prefaced by a short description of what it does and of which *Numerical Recipes* routines it exercises. In cases where the demonstration programs require input data, that data is also supplied. In some cases, sample output is also shown. The example books should be valuable aids to readers wishing to incorporate procedures and subroutines and conduct simple validation tests.

### NUMERICAL RECIPES Example Book (C) Second Edition

This book accompanies *Numerical Recipes in C: The Art of Scientific Computing, Second Edition*, by William H. Press, Saul A. Teukolsky, William T. Vetterling and Brian P. Flannery, a complete text and reference book on the art of scientific computing. In a self-contained manner, *Numerical Recipes* proceeds all the way from mathematical and theoretical considerations through to actual, practical computer routines. There are approximately 300 computer routines in each book, and thus each book constitutes a complete subroutine library for scientific computation. With highly readable text, written in a practical and informal prose style, the *Numerical Recipes* books are nearly a complete education on the subject of scientific computing. The subroutines and procedures in this book can be used on most personal computers, bringing to these machines a capability for scientific computing previously available only in large mainframe environments.

Please see inside for information about software and how to order additional *Numerical Recipes* products.

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UNIVERSITY PRESS  
[www.cambridge.org](http://www.cambridge.org)

ISBN 0-521-43720-2

