

For Further Reading . . .

A full and detailed discussion of the properties and behaviour of the numerical methods in this library and numerical methods in general is beyond the scope of a book such as this. Fuller treatments of numerical methods can be found in numerous numerical analysis texts, which cover a range of different levels from beginning to advanced, and different aspects of numerical analysis.

The text which has been of greatest use to the authors is

Matrix Computations, by G.H. Golub and C. van Loan, 1st Edition published 1983 by North Oxford Academic Publ., Oxford, 2nd Edition published 1989 by John Hopkins University Press, Baltimore and London.

Other general numerical analysis texts that may be useful are

An Introduction to Numerical Analysis, by K.E. Atkinson, 1st Edition published 1978, 2nd Edition published 1989, by John Wiley and Sons, New York, Chichester, Brisbane and Toronto.

Numerical Analysis, by R.L. Burden and J.D. Faires, 4th Edition published 1989 by Prindle, Weber & Schmidt, Boston, Massachusetts. (First edition co-authored by A.C. Reynolds and published in 1978.)

Numerical mathematics and computing, by E.W. Cheney, D. Kincaid, 2nd Edition published in 1985 by Brooks/Cole, Monterey, California.

Some other books on the implementation of numerical algorithms that may be useful are:

The Engineering of Numerical Software, by Webb Miller, published 1984 by Prentice-Hall, Englewood Cliffs, New Jersey.

Numerical Recipes in C: The Art of Scientific Computing, by W.H. Press, B.P. Flannery, S.A. Teukolsky and W.T. Vetterling, published in 1988 by Cambridge University Press, Cambridge, England.