Future Developments

1 Contents

The following additional chapters are planned for inclusion in future releases of NAG *fl*90:

Chapter 2.	Miscellaneous Algorithms
Chapter 14.	Integral Equations
Chapter 23.	Univariate Statistical Tests
Chapter 24.	Univariate Estimation
Chapter 26.	Analysis of Designed Experiments
Chapter 27.	Analysis of Discrete Multivariate Data
Chapter 30.	Survival Analysis

The contents of existing chapters will also be extended.

For Release 4, we intend to give priority to new procedures in the following chapters: Matrix Inversion; Linear Equations (Sparse Systems); Optimization; Operations Research; Ordinary Differential Equations; Partial Differential Equations; Correlation and Regression Analysis; and Basic Descriptive Statistics. This is in addition to procedures in the area of Automatic Differentiation.

2 Design

The first three releases of NAG *fl*90 have been designed and developed in the early years of the language's lifetime. As the language becomes more widely used, ideas about programming style and software design are likely to develop.

We welcome comments and suggestions on the design of the Library.

The language itself is due to undergo a major revision in or after the year 2000. We are monitoring the plans for the revision, and expect to take advantage of some of the new features, after allowing sufficient time for them to become widely implemented.