

Numerical Analysis

The primary benefit of membership of this Group is the receipt of the *IMANA Newsletter* 3 times per year. The Editor (Iain Duff) and the IMA Office produced the usual superb issues in 1988, giving 120 pages of information to about 800 members, including, for example, notices of forthcoming seminars and conferences, news from NAG, announcements of recent technical reports and short articles. The October issue invites members to submit papers for a minisymposium that the Specialist Group will hold at the IMA Silver Jubilee Conference on September 5th, 1989, but it is unusual for the Group to stage its own meetings because the pages of the *Newsletter* show that there is no lack of interesting activities for IMA numerical analysts. In particular, the



Professor L. Fox, FIMA (Formerly University of Oxford)



The finalists of the 1988 Leslie Fox Prize Meeting with Professor Fox. (l. to r.) T. Tang, T. Hagstrom, N. Higham, I. Jackson and P. Harker

Leslie Fox Prize Meeting at Imperial College on March 28th, 1988 was highly successful, and we congratulate N. Higham (first prize), T. Hagstrom, P. T. Harker, I. R. H. Jackson and T. Tang on awards for their excellent contributions.

M. J. D. Powell, Chairman

Systems and Software Engineering

The major activity this year was a conference on "Mathematical Structures for Software Engineering" which was held at Manchester Polytechnic from July 13th to 15th. During the conference 23 papers were presented on both theoretical and practical aspects. The proceedings of the conference are to be published for the Institute by OUP. On the day before the conference a tutorial on the topic was held.

A 1-day symposium on "Mathematics for Software Engineering" took place at the Royal Institution on October 20th. During the symposium six projects were presented which represented a cross-section of the use of mathematics (and statistics) in building complex software products.

The group also helped coordinate the Institute's responses to various Government reports.

The major on-going project is the John Wiley Book Prize which will be awarded as part of the Silver Jubilee activities. The competition is open to anyone who will not have reached his/her 25th birthday by December 31st, 1988. Further details are available from the group chairman.

D. Simpson, Chairman