

Alston S. Householder Award

In recognition of the outstanding services of Dr. A. S. Householder, former Director of the Mathematics Division of the Oak Ridge National Laboratory and Professor at the University of Tennessee, Knoxville, to numerical analysis and linear algebra, it was decided at the Fourth Gatlinburg Symposium, April 1969, to establish a Householder Award. This award is in the area in which Dr. Householder has worked and its natural developments, as exemplified by the international Gatlinburg Symposia (see A. S. Householder, *The Gatlinburgs*, *SIAM Review* 16 (1974), 340–343). The previous recipients of the award were Dr. F. Robert of Grenoble (1971) and Dr. O. Hald of N.Y.U. (1974).

The Householder prize 1977 of DM 1500 will be awarded to the author of the best thesis in Numerical Algebra. The term Numerical Algebra is intended to describe those parts of mathematical research which have both algebraic aspects and numerical content or implications. Thus the term covers, for example, linear algebra that has numerical applications, or the algebraic aspects of ordinary differential, partial differential, integral and non-linear equations.

The theses will be assessed by an international committee of Hans Schneider (Madison, Wisconsin, USA), Josef Stoer (Würzburg, Germany) Richard S. Varga (Kent, Ohio, USA) and James H. Wilkinson (Teddington, England) as chairman.

To qualify the thesis must be for a degree at the level of an American PhD awarded between 1 Jan. 1974 and 31 Aug. 1976. An equivalent piece of work will be acceptable from those countries where no formal thesis is normally written at that level. The candidate's sponsor (e.g., supervisor of his research) should submit an abstract of the thesis (or equivalent) together with his appraisal by 31 October 1976 to:

Dr. J. H. Wilkinson
D.N.A.C.
National Physical Laboratory
Teddington (Middx)
England

On the basis of this the committee will decide whether the candidate is eligible and if so will request him to submit four copies of the thesis. It is particularly desirable that the candidate's sponsor should submit the abstract as soon as possible after the award of the PhD since this will give the committee the maximum time in which to examine the thesis. The award will be announced at the Gatlinburg VII meeting and candidates on the short list will receive invitations to that meeting.