NOTES

New Journals

Two new journals of interest to applied mathematicians have recently been announced.

Journal of Mathematical Analysis and Applications, published by Academic Press, New York and London. This new journal will provide a medium for the rapid publication of carefully selected mathematical papers treating classical analysis and its manifold applications.

The refereeing system used in most journals is replaced by a board of Associate Editors, each of whom may accept manuscripts. In this manner the delay between receipt and publication of manuscripts will be minimized. Only papers written in a lucid, expository style will be eligible for publication.

In recognition of the fact that other disciplines contribute new concepts and problems to the continuing growth of mathematics, papers devoted to the mathematical treatment of questions arising in physics, chemistry, biology, and engineering will be encouraged. In these papers the emphasis will be upon the analytical aspects and the novelty of problem and solution.

Journal of Mathematical Physics, published by the American Institute of Physics, New York, is a bimonthly devoted to new mathematical methods for the solution of physical problems as well as to original research in physics furthered by such methods. Its scope includes: mathematical aspects of quantum field theory, statistical mechanics of interacting particles, new approaches to eigenvalue and scattering problems, theory of stochastic processes, novel variational methods, theory of graphs, and review papers on mathematical topics for physicists.

Automatic Programming of Digital Computers—National Information Centre

The National Centre of Information on Automatic Programming of Digital Computers has been established by the Department of Mathematics of the Brighton Technical College, Brighton, England, in response to a recommendation of the first National Conference on Automatic Programming, held in Brighton in April, 1959. This conference was attended by 111 delegates from computer manufacturers, industrial and commercial computer users, government research establishments, universities and technical colleges.

The purpose of the Centre is:

(i) to establish and maintain a comprehensive library of publications, papers, research reports and other material, especially those not readily accessible, in any way relevant to the problems of automatic programming, and to make these available, in English, on demand;

(ii) to publish, in conjunction with Pergamon Press Limited, an annual review in Automatic Programming:

(iii) to provide a 'clearing house' for information and inquiries on automatic programming and related topics, and to help co-ordinate the work of other bodies active in this field;

(iv) to organize from time to time, small working conferences on particular aspects of the subject;

(v) to maintain permanent contact with organizations in all other countries concerned with such matters.