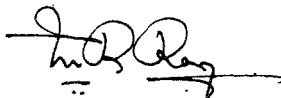


## FOREWORD

The Jawaharlal Nehru Centre for Advanced Scientific Research was established by the Government of India to commemorate the Centenary Year (1989) of Pandit Jawaharlal Nehru. The Centre has strong links with the Indian Institute of Science and has been functioning on its campus. It has a number of distinguished scientists as Honorary Professors and Senior Fellows.

At the first meeting of the faculty held in November 1990, lectures were delivered by five of the Honorary Professors, covering certain aspects of interest in their fields. The presentations were attended by a large number of students and teachers of the Indian Institute of Science. These lectures have been collected together in this special issue of the *Journal of the Indian Institute of Science*.

On behalf of Nehru Centre and the Indian Institute of Science, I extend my thanks to Prof. M. Vijayan, Editor of the *Journal*, for agreeing to devote a special issue for this purpose and his help in its preparation.



C.N.R. Rao  
President

Bangalore  
October, 1991

Jawaharlal Nehru Centre for  
Advanced Scientific Research