Editor's Notice

I AM very pleased to announce that the appointments of two new Editors for the TRANSACTIONS have been approved. Joseph Mundy and Olivier Faugeras are widely recognized for the integrity of their own research projects and the breadth of their contributions to the fields of pattern analysis and machine intelligence. In addition to their technical expertise, they bring to the Editorial Board something of an industrial perspective, thus complementing the academic perspective already present on the board.

STEVEN L. TANIMOTO
Editor-in-Chief

Joseph L. Mundy was born in Rome, NY, on July 20, 1942. He received the B.E.E., M.Eng., and Ph.D. degrees from Rensselaer Polytechnic Institute, Troy, NY, in 1963, 1966, and 1969, respectively.

Since 1963 he has been a Technical Staff member of the General Electric Research and Development center. His early projects at the Center include: a superconductive computer memory system, the design of high density associative memory arrays, the application of transform coding to image data compression, and the development of an automatic inspection system for lamp filaments. This inspection system represents one of the first practical applications of syntactic pattern recognition methods. From 1977 until 1982 he was manager of the visual information processing program. In this capacity he led a number of extensive efforts in the application of machine vision techniques to automatic visual inspection for quality control. A major application was the use of range sensing in the inspection of castings. This project involved the use of solid models to control the motion of a fifteen-axis inspection machine and the development of an accurate three-dimensional vision system. He is currently leading a project to apply methods in formal geometric analysis to the generation of object models for recognition.

Dr. Mundy's professional activities involve active participation in the areas of pattern recognition and robotics. He was Co-Chairman of the highly successful workshop on industrial applications of machine vision which resulted in a special issue of the IEEE TRANSACTIONS ON PATTERN ANALYSIS AND MACHINE INTELLIGENCE in 1982.

Olivier Faugeras (S'76–M'76) was born in Paris, France, on December 22, 1949. He is a graduate of the Ecole Polytechnique, Ecole Nationale Superieure des Telecommunications, holds the Ph.D. degree in computer science from the University of Utah, Salt Lake City, and the Doctorat d'Etat degree, also in computer science, from the University of Paris VI.

He joined the Institut National de Recherche d'Informatique et d'Automatique (INRIA) near Versailles, France, in 1976 where he has been leading a research group in Computer Vision and Robotics since then, except for a year spent at USC as an Assistant Professor in 1980. Presently, he is also a Senior Lecturer in Computer Science at the Ecole Polytechnique and University of Paris XI. He has contributed many journal and conference articles, book chapters, and edited books on vision and robotics. His current research interests are in vision, architectures for vision, shape representation, geometric reasoning, representation of uncertainty, and mobile robots. He is a consultant for several major French government agencies and private industries and an active participant in several European R&D projects such as ESPRIT and EUREKA.

Dr. Faugeras is a member of the Editorial Board of several journals, including Pattern Recognition Letters, the International Journal of Robotics Research, and the International Journal of Computer Vision.