

## 1982 IEEE FELLOWS

The Board of Directors of the IEEE in 1982 has elected 130 distinguished senior members to the grade of Fellow of the Institute of Electrical and Electronic Engineers. Of these, six were recommended by the Microwave Theory and Techniques Society, and five are members.

The grade of Fellow is conferred in recognition of unusual professional distinction. It is awarded only at the initiative of the IEEE Board of Directors after a rigorous nomination and evaluation process to a person of outstanding and extraordinary qualifications and experience who has made important individual contributions to one or more of the fields of electrical engineering, electronics, computer engineering and science, allied branches of engineering, and related arts and sciences. This grade is not conferred automatically upon nomination; this last year, of 345 Senior Members nominated 130 were honored by elevation to the prestigious grade of Fellow.

To the following members of the IEEE newly elected as Fellows with the support of the MTT-S we extend our congratulations and deep appreciation:

JOHN A. COPELAND, Sangamo Weston, Inc., for contributions to the development of optically-coupled semiconductor logic circuits.

HATSUAKI FUKUI, Bell Telephone Laboratories, for contributions to the understanding and design of low noise microwave transistors and transistor amplifiers. Member, MTT-S.

TAKANORI OKOSHI, Department of Electrical Engineering, University of Tokyo, for contributions to lightwave and microwave engineering and, in particular, for the development of techniques for the analysis and synthesis of propagation in multimode fibers. Member, MTT-S.

H. GEORGE OLTMAN, JR., Hughes Aircraft Company, for contributions to antenna, microwave, and measurement technology. Member, MTT-S.

P. PEET SILVESTER, McGill University, for contributions to the development of finite element methods and their application to electromagnetic field problems. Member, MTT-S.

ROBERT J. WENZEL, Wenzel/Erlinger Associates, for contributions to the theory and synthesis of microwave filters and multiplexer networks. Member, MTT-S.