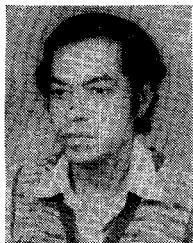


Contributors

John W. Bandler (S'66-M'66-SM'74), for a photograph and biography please see page 234 of the April 1976 issue of this TRANSACTIONS.

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Tushar Bhattacharyya was born in Calcutta, India, on January 5, 1945. He received the B.E., M.E., and Ph.D. degrees all from Jadavpur University, Calcutta, in 1967, 1969, and 1974, respectively.

From 1969 through 1971 he was a Senior Research Fellow of C.S.I.R., India and later joined the Electronics Department of the same University as a Lecturer in 1971. His works, including the Ph.D. dissertation, involved the theories of coupled antenna. In 1975 he came to Osaka University, Japan, on leave from Jadavpur University where his research was devoted to theories and experiments on acoustic, magnetostatic, and magnetoelastic surface-wave devices. At present, he is attached to Matsushita Research Institute, Tokyo, on a short term. He has a few publications to his credit on antenna and surface-wave problems.

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J. A. F. Cornick obtained his degree in Natural Science at Oxford University in 1948.

He joined the General Electric Company and worked in the Semiconductor Division until 1962, transferring to Mullard Ltd., Hazel Grove, Cheshire, England, in that year. From then to the present he has worked in both microwave and power semiconductor areas, with device development being the main activity.

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Masahiro Hashimoto (S'70-M'73), for a photograph and biography please see page 488 of the July 1976 issue of this TRANSACTIONS.

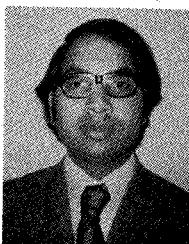
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Dieter Jäger was born in Tratten/Ranten, Austria, on May 25, 1944. He received the Dipl.-Phys. and Dr. rer. nat. degrees in physics from the Westfalian Wilhelms University, Münster, Federal Republic of Germany, in 1969 and 1974, respectively.

Since 1969 he has been with the Institute for Applied Physics, University of Münster, working in the field of microwave semiconductor diodes and electromagnetic-wave propagation. His research interests include nonlinear effects in solid-state devices.

Dr. Jäger is a member of the German Physical Society (DPG) and the German Vacuum Association (DAGV). In 1975 he received a prize for his thesis from the University of Münster.



J. S. Joshi was born in India in 1946. He obtained the Bachelor of Technology in electrical engineering in 1968 and the Master of Technology in electrical communication engineering in 1970, both from the Indian Institute of Technology, Powai, Bombay.

Since 1970, he has been associated with Mullard Ltd., Hazel Grove, Cheshire, England, initially working on microwave solid-state sources. He is currently engaged in mixer diode work. He is also working towards an industry-sponsored doctoral program.

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A. Konrad (S'70-M'75) was born on February 15, 1946. He received the B.Eng., M.Eng., and Ph.D. degrees in electrical engineering from McGill University, Montreal, P.Q., Canada, in 1970, 1971, and January 1975, respectively.

During the summer of 1975 he was a Visiting Researcher at the Institut National Polytechnique de Grenoble, Grenoble, France, where he was working on three-dimensional curvilinear finite elements for anisotropic electrostatic field problems. In the same year, he joined the Energy and Services Section of the Division of Building Research of the National Research Council, Ottawa, Ont., Canada, as an Assistant Research Officer. He is currently involved in research related to the harnessing of solar energy.

Dr. Konrad is a member of the Order of Engineers of Quebec. In April 1972 he won first prize in the Canada-wide graduate student paper competition of the Canadian Nuclear Association with the paper entitled "Linear accelerator cavity field calculation by the finite element method," (*IEEE Trans. Nucl. Sci.*, vol. NS-20, pp. 802-808, 1973).

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Nobuaki Kumagai (M'59-SM'72), for a photograph and biography please see page 488 of the July 1976 issue of this TRANSACTIONS.

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Peter C. Liu (S'74-M'75) was born in Canton, China, on September 22, 1942. He received the B.Sc. and M.Sc. degrees, both in electrical engineering, in 1969 and 1971, respectively, from the University of Manitoba, Winnipeg, Man., Canada. He received the Ph.D. degree in electrical engineering from McMaster University, Hamilton, Ont., Canada, in 1975.

He is now a member of the scientific staff at Bell-Northern Research, Verdun, P.Q., Canada. His work is involved in system modeling and in telecommunication-transmission studies. His interests are in circuits, systems, numerical techniques, and computer-aided design.



Paweł Rozenfeld (S'72-M'74) was born in Poland on November 25, 1943. He received the Electrical Engineer degree from Escola Politécnica University of São Paulo, Brazil, in 1967. He received the M.S.E. (E.E.) degree in 1971, the A.M. (Math.) degree in 1972, and the Ph.D. (E.E.) degree in 1974, all from the University of Michigan.

He is currently working at INPE (Brazilian Space Institute).

Dr. Rozenfeld is a member of Eta Kappa Nu and the Brazilian Society of Physics.

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Chen-To Tai (S'44-A'48-SM'51-F'62) received his B.S. degree in physics from Tsing Hua University in 1937 and his D.Sc. degree in communication engineering from Harvard University in 1947.

He has been with Stanford Research Institute, the Ohio State University, and the Brazilian Technical Institute of Aeronautics previous to his present appointment as Professor of Electrical Engineering at the University of Michigan since 1974. In 1972 he was a Visiting Professor at the University of Lund, Chalmers Technical University, and the Royal Institute of Technology, all in Sweden. In the Spring of 1973 he served as Walker-Ames Professor at the University of Washington and Vinton-Hayes Research Fellow at Harvard University.

Dr. Tai is a member of U.S. URSI Commissions B and C. In 1975 he received the Distinguished Achievement Award from the University of Michigan in recognition of his services at that institution.

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Herman Tromp, for a photograph and biography please see page 235 of the April 1976 issue of this TRANSACTIONS.



Makoto Tsutsumi (M'71) was born in Tokyo, Japan, on February 25, 1937. He received the B.S. degree in electrical engineering from Ritsumei-Kan University, Kyoto, in 1960, and the M.S. and Ph.D. degrees in electrical communication engineering from Osaka University, Osaka, Japan, in 1962 and 1970, respectively.

From 1962 to 1963 he was with the Central Research Laboratory of Tokyo Shibaura Electric Company, and did research on FM radar system. From 1963 to 1973 he was a Research Associate in the Faculty of Engineering, Osaka University, where his dissertation involved work on magnetoelectric effects in antiferromagnetics. Since 1974 he has been a Lecturer in the Faculty of Engineering. Since 1970 he has been working on magnetoelastic and magnetostatic surface-wave devices for signal processing.

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James R. Wait (SM'56-F'62) has B.A.Sc., M.A.Sc., and Ph.D. degrees from the University of Toronto in 1948, 1949, and 1951, respectively.

After spending some time geophysically prospecting in Arizona, he turned seriously to electromagnetics in 1952 at the Radio Physics Laboratory in Ottawa. In 1955 he succumbed to an offer from the National Bureau of Standards and, since then, has been with the Boulder Laboratories of the U.S. Department of Commerce. His principal affiliation is now with the National Oceanic and Atmospheric Administration, but he is also a Fellow of the Cooperative Institute for Research in Environmental Sciences and a Professor Adjoint in the Electrical Engineering Department, both on the campus of the University of Colorado. In addition, he acts as Consultant to the Office of Telecommunications.