



Biographical Notes on Contributors to this Issue



Mohammed Shahgir Ahmed received the B.Sc. degree from the University of Engineering and Technology, Dhaka in 1973, and the M.A.Sc. and Ph.D. degrees from University of Windsor, Ontario, Canada in 1975 and 1978, respectively, all in Electrical Engineering.

In 1978, he joined the King Fahd Univeristy of Petroleum Minerals, Dhahran, where he is currently an Associate Professor in the Systems Engineering Department. During his career Dr Ahmed also held other academic as well as non-academic positions, which include being a visiting Professor during the 1985-1986 academic year at the Carnegie Mellon University, Pittsburgh, PA and an adjunct Professor during the 1990-1991 academic year at the University of Michigan, Dearborn, MI. At present he holds a visiting position at the University of Michigan, Dearborn, MI. Dr Ahmed's research interests include system identification, adaptive control, signal processing and neural net applications. Dr Ahmed is a senior member of IEEE.



Peter Campo received the B.S. degree in Chemical Engineering from Rice University, Houston, Texas, in 1984, and the Ph.D. degree in Chemical Engineering from the California Institute of Technology, Pasadena, California, in 1989.

In 1989 and 1990 he spent 14 months at the Technical University of Munich as an Alexander von Humboldt Fellow pursuing research interests in decentralized control, and in the design and analysis of controller implementations providing anti-windup and bumpless transfer operation in the face of input saturation nonlinearities.

Since 1990 he has been a Control Systems Engineer in the Control System and Electronic Technologies Laboratory of the General Electric Corporate Research and Development Center, Schenectady, New York. Current research interests include applications of linear and nonlinear control theory and development of machine vision systems for feedback control of manufacturing processes.



Uri Ben-Hanan (Putziger) was born in Israel on December 23, 1954. He received the B.A. degree in Agriculture from the Hebrew University in 1981, the MSc degree in 1985 and the DSc degree in 1991, both in Agricultural Engineering from the Technion-Israel Institute of Technology, Haifa, Israel.

He is currently the Head of the Mechanical Engineering Department in ORT Braude College in Karmiel, Israel.



Jie Chen was born in Yichun, Jiangxi Province, The People's Republic of China, on 14 January, 1963. He received the BS degree in Aerospace Engineering from Northwestern Polytechnic University, Xian, China in 1982, the MSE degree in Electrical Engineering, the MA degree in Mathematics, and the PhD degree in Electrical Engineering, all from the University of Michigan, Ann Arbor, Michigan, in 1985, 1987, and 1990, respectively.

From 1990-1993, he held a research fellow position jointly with the School of Aerospace Engineering and the School of Electrical and Computer Engineering, Georgia Institute of Technology, Atlanta, Georgia. Since 1994, he has been on the faculty of Electrical Engineering at the College of Engineering, University of California, CA, as an assistant professor. His main research interests are in linear multivariable systems, robust control, system identification and optimization design techniques.



Mark A. van Buren received the M.Sc in Aerospace Engineering from Delft University of Technology in 1987, and the Ph.D. in Mechanical and Aerospace Engineering from Princeton University in 1992. He is currently working at Shell Research, Rijswijk, The Netherlands, in the field of bit and drillstring mechanics. His research interests are nonlinear dynamics, and computer modeling and simulation.

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Guy A. Dumont obtained his diplôme d'Ingénieur from the Ecole National Supérieure d'Arts et Métiers, Paris in 1973, and his PhD in Electrical Engineering from McGill University in 1977. In 1973-74, and again from 1977 to 1979, he worked for Tioxide France. From 1979 to 1989, he was with Paprican where he headed the Control Engineering Section, first in Montréal, then in

Vancouver. In 1989 he joined the Department of Electrical Engineering at the University of British Columbia where he is now a professor, and holds the Senior Paprican/NSERC Chair of Industrial Process Control. In January 1991, he was awarded a three-year fellowship from the British Columbia Advanced Systems Institute. Professor Dumont's research interests cover many aspects of advanced process control and its application to the pulp and paper industry. In 1979, he was co-recipient (with P. R. Bélanger) of the IEEE T-AC Honourable Paper Award. Professor Dumont is a senior member of IEEE.



Ashraf Elnaggar was born in 1960 in Egypt. He obtained his BSc and MSc in Electrical Engineering from Cairo University in 1982 and 1985, respectively. He obtained his PhD in Electrical Engineering in 1991 from the University of British Columbia, Canada. Since then he has been a Research Engineer in the Department of Electrical Engineering at the University of

British Columbia. His research interests include time-delay systems, self-tuning control, system identification and laboratory experiments for adaptive control. He is interested in applying control to process control and power electronics.



Abdel-Latif Elshafei received his BSc and MSc in Electrical Engineering from Cairo University, Egypt, in 1983 and 1986, respectively. In 1991, he earned his PhD in Electrical Engineering from the University of British Columbia (UBC), Canada. From 1991 to mid 1992, he was a post-doctoral fellow at UBC. Then, he served as a lecturer in Wollongong University, Australia, until 1993.

Currently, he is an assistant professor at Cairo University. Dr Elshafei's main research topics are adaptive control, intelligent control systems and power system control.



Guoxiang Gu received his BS degree in Electrical Automation from the Chinese Textile University, Shanghai, China, in 1982. He received his MS and PhD degrees in Electrical Engineering from the University of Minnesota, Minneapolis, Minnesota, U.S.A., in 1985 and 1988, respectively.

From 1988 until 1990, he was a visiting assistant professor in the Department of Electrical Engineering, Wright State University, Dayton, Ohio, U.S.A. Since 1990, he has been with the Department of Electrical and Computer Engineering, Louisiana State University, Baton Rouge, Louisiana, U.S.A., as an assistant professor. His research interests are robust-control-oriented identification, distributed parameter systems and two-dimensional digital signal processing.



Per-Olof Gutman was born in Höganäs, Sweden, on 21 May 1949. He received the *Civ.-Ing.* degree in Engineering Physics (1973), the PhD in Automatic Control (1982), and the title of *docent* in Automatic Control (1988), all from the Lund Institute of Technology, Lund, Sweden. He studied at the University of California, Los Angeles, as a Fulbright grant recipient, and

received the MSE degree in 1977.

From 1973 to 1975 he taught mathematics in Tanzania. In 1983–1984 he held a post-doctoral position at the Faculty of Electrical Engineering, Technion, Haifa, Israel. From 1984 to 1990 he was a scientist with the Control Systems Section, Elop Electro-Optics Industries, Rehovot, Israel. He is currently a Senior Lecturer at the Faculty of Agricultural Engineering, Technion, Haifa.

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Wladyslaw Hejmo obtained the MSc degree from the Department of Electrical Engineering, Academy of Mining and Metallurgy, Cracow, Poland, in 1955 and the PhD degree in 1959. In 1977 he received the scientific degree DSc at the University of Technology, Wroclaw, Poland, by a Habilitation-Thesis in the field of Automatics. From 1955 to 1975 he was affiliated to the Metallurgical Plant, Cracow, Poland, in the Research Department of Industrial Processes Automation, and in the final years was its Head. In 1975 Dr Hejmo took up an appointment at Cracow University of Technology, Cracow, Poland, where he is working to this day as a full Professor, Head of Institute of Automatics and Chair of Theory of Control. He is a former Vice President of the above University and a former two-fold scientific scholarship holder of the French Government.

His research interests include the theory of optimal control, variable structure systems, control of uncertain systems and various mathematical methods in the applications of theory of optimization.

His research interests include the theory of optimal control, variable structure systems, control of uncertain systems and various mathematical methods in the applications of theory of optimization.



Peter Hippe was born in Berlin in 1941. He received the Dipl.-Ing. degree in Mechanical Engineering from Universität Stuttgart, Stuttgart in 1969 and the Dr.-Ing. degree from Friedrich-Alexander Universität, Erlangen in 1976. Since then he has been teaching in the Electrical Engineering Department (Institut für Regelungstechnik). His main research interests are in the order reduction

of dynamic systems and in the time and frequency domain design of compensators. He has co-authored a book on state control: *Zustandsregelung* (Springer, 1985).

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