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Resume of Won-Zon Chen, 1991-07

Chen, Won-Zon

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RESUME OF WON-ZON CHEN

Won-Zon Chen was born in Taiwan, Republic of China (ROC) in 1955. He received the B.S.E.E degree from National Taiwan University, Taiwan, Republic of China in 1977, the M.S.E.E degree from Oakland University, Rochester, Michigan in 1980, and the Engineer and the Ph.D. degrees from University of California, Los Angeles, California in 1986 and 1990, respectively.



From 1977 to 1979, Won-Zon Chen was a second lieutenant in the ROC Army. From 1981, he spent nearly 10 years with Northrop Corporation Aircraft Division, Hawthorne, California as an engineering specialist in flight control area. In Northrop, he had been a key member to the F-20 and Advanced Tactical Fighter (ATF) development projects. He designed the F-20 lateral/directional control law and was responsible for the development of an integrated Vehicle Management System (VMS) for the ATF. He had also led several multi-year research projects for the development of advanced flight management technologies and control optimization algorithms.

In 1990, Dr. Chen joined the Electrical and Computer Engineering (ECE) Department at the Naval Postgraduate School, Monterey, California as an Associate professor. He has developed and taught control and avionics courses for both the ECE and the Aeronautical and Astronautical (AA) Departments.

Professor Chen's current research interests include optimal control synthesis, robustness and multivariable stability theory, real-time fault-tolerant computer/control system architecture, novel avionics systems design, and advanced real-life control applications. He is a Senior member of AIAA.