

Special Issue
on
Dynamical Systems and Control Theory
and Their Applications
in dedication to Professor T.L. Vincent

This is a special issue dedicated to the memory of Professor Thomas L. Vincent. Tom Vincent passed away on 26 October, 2009 at the age of 74. He was the first graduate of the University of Arizona's doctoral program in Aerospace Engineering. He was a Professor of Aerospace and Mechanical Engineering at the University of Arizona for 41 years until his retirement in 2001, after which he became an active Professor Emeritus.

Tom has made outstanding contributions to optimal control theory, game theory, evolutionary theory and applications to aerospace problems, control systems, management of biological populations and Darwinian dynamics. He has published ten books and about 150 papers on his own and with others^{*)}. His work has influenced the scientific activity of many researchers in these areas. Tom was a great colleague and a true friend. He will be missed by all those who knew and benefited from him and/or his work.

The editors of this special issue have had the privilege of knowing Professor Vincent, personally and professionally. B.S. Goh first met Tom in 1970 at Berkeley where they were both on sabbatical leave and doing research with George Leitmann. BSG introduced Tom to applications of optimal control in the management of fisheries and pest populations and began a fruitful collaboration in this and other research areas. C.S. Lee studied MSc under BSG and PhD with Tom.

Tom made many visits to Western Australia and first met K.L. Teo in 1983. They had established long and lasting research collaboration in control theory and applications.

Professor Vincent made a significant contribution to the Journal Nonlinear Dynamics and Systems Theory during 2001–2005 as a member of Editorial Board of the Journal.

We wish to express our sincere appreciation to all those who have contributed to the completion of this Special Issue. In particular, we are deeply grateful to our referees who provided prompt and extensive reviews for all the submitted papers. Their valuable constructive comments have contributed to the quality of this Special Issue. We also wish to thank the Editor-in-Chief, Professor A.A. Martynyuk, for his kind cooperation and professional support. Our special thanks go to Mrs. Lisa Holling, Teo's Secretary, for her help during the editing process of the Special Issue. In this Special Issue we are pleased to have contributions from a number of outstanding scholars who have known Tom Vincent, both professionally and personally.

B.S. Goh¹, and K.L. Teo²,
Guest Editors

^{*)} A list of Tom Vincent's publications is available in the journal, Evolutionary Ecology Research Vol. 11 (2009).

¹Nanjing University, <mailto:bsgoh65@yahoo.com>

²Curtin University of Technology, <mailto:K.L.Teo@curtin.edu.au>