Principal Activities:

Dr. Khorasani's current research activities are in the areas of cooperative control, diagnosis, prognosis, and health management (DPHM) of network of unmanned systems and aircraft engines and gas turbines.

Biography:

K. Khorasani received the B.S., M.S., and Ph.D. degrees in Electrical and Computer Engineering from the University of Illinois at Urbana-Champaign in 1981, 1982 and 1985, respectively. From 1985 to 1988 he was an Assistant Professor at the University of Michigan at Dearborn and since 1988, he has been at Concordia University, Montreal, Canada, where he is currently a Professor and Concordia University Tier I Research Chair in the Department of Electrical and Computer Engineering. He has authored/co-authored over 350 publications. His main areas of research are in nonlinear and adaptive control, intelligent and autonomous control of networked unmanned systems, fault diagnosis, isolation and recovery (FDIR), diagnosis, prognosis, and health management (DPHM), satellites, unmanned vehicles, aircraft engines and gas turbines, neural network applications to pattern recognition, robotics and control, adaptive structure neural networks, and modeling and control of flexible link/joint manipulators.

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