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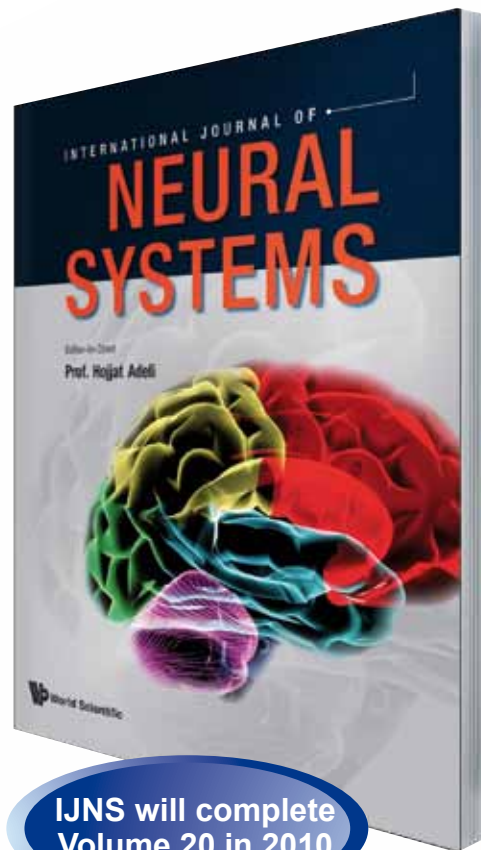
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Hojjat Adeli is currently professor in the Departments of Biomedical Engineering, Biomedical Informatics, Civil and Environmental Engineering and Geodetic Science, Electrical and Computer Engineering, Neuroscience, and Neurological Surgery at The Ohio State University. He is also the holder of Abba G. Lichtenstein Professorship. He has authored/co-authored over 450 scientific publications including 14 books in various fields of computer science, engineering, applied mathematics, and medicine since he received his Ph.D. from Stanford University in 1976 at the age of 26. Among his books are *Machine Learning - Neural Networks, Genetic Algorithms, and Fuzzy Systems* (Wiley, 1995), *Neurocomputing for Design Automation* (CRC Press, 1998), *Intelligent Infrastructure - Neural Networks, Wavelets, and*

Chaos Theory for Intelligent Transportation Systems and Smart Structures (CRC Press, 2009), and *Automated EEG-based Diagnosis of Neurological Disorders - Inventing the Future of Neurology* (CRC Press, 2010). He is the quadruple winner of The Ohio State University Lumley Outstanding Research Award. In 1998 he received the university's highest research honor, the Distinguished Scholar Award "in recognition of extraordinary accomplishment in research and scholarship". In 2007 he received the Peter L. and Clara M. Scott Award for Excellence in Engineering Education. Professor Adeli has been a Keynote Lecturer at 77 international conferences held in 41 different countries. He is a Fellow of AAAS and a Distinguished Member of ASCE.



**IJNS will complete
Volume 20 in 2010**

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Sample Recent Articles

Non-invasive Computerized System for Automatically Initiating Vagus Nerve Stimulation Following Patient-Specific Detection of Seizures or Epileptiform Discharges

A. Shoeb, J. Gutttag, T. Pang, and S. Schachter
Massachusetts Institute of Technology
and Harvard University

Calibration of Neurotransmitter Release from Neural Cells for Therapeutic Implants

S.S. Jedlicka, M. Dadarlat, T. Hassell, Y. Lin, A. Young, M. Zhang, P. Irazoqui, and J.L. Rickus
Purdue University

Deep Brain Stimulation for the Treatment of Epilepsy

C. Hamani, D. Andrade, M. Hodaie, R. Wennberg, and A. Lozano
University of Toronto

Treating Epilepsy via Adaptive Neurostimulation: A Reinforcement Learning Approach

J. Pineau, A. Guez, R. Vincent, and M. Avo
McGill University

Control of Synchronization of Brain Dynamics Leads to Control of Epileptic Seizures in Rodents

L.B. Good, S. Sabesan, S.T. Marsh, K.S. Tsakalis, and L.D. Iasemidis
Arizona State University

Seizure Abatement with Single DC Pulses: Is Phase Resetting at Play?

I. Osorio, and M.G. Frei
University of Kansas

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