About Mahmood Nahvi

Mahmood Nahvi *is emeritus professor of electrical engineering at California Polytechnic State University (Cal Poly) in San Luis Obispo, California. He earned B.Sc., M.Sc., and Ph.D. degrees in electrical engineering, and has more than 50 years of educational, academic, research, and industrial experience in this field. He has taught undergraduate and graduate courses on various subjects including electric circuits, electronics, signals and systems, electromagnetics, random signals and noise, digital signal and image processing, and communications and control. Prior to joining the faculty at Cal Poly, he held positions as a guest professor and research scientist at the University of Stuttgart in Germany, working on signal processing in space communication systems, satellite microwave ranging, and synthetic aperture radar projects for the European Space Agency. In addition, he was a founding faculty member, professor, and department chair at Sharif University of Technology (former Aria-Mehr) in Teheran, Iran; a visiting professor at MIT; and a research scientist at UCLA, the Laboratory for Neural Control at the National Institutes of Health, and the Max-Planck Institute for Biological Cybernetics in Tübingen, Germany. He is a senior member of the Institute of Electrical and Electronics Engineers (IEEE).*

Dr. Nahvi's areas of special interest and expertise include network theory, control theory, adaptation and learning in synthetic and living systems, communication and control in living systems, neural networks for pattern recognition and motor control, satellite communication, digital signal and image processing, and engineering education. In the area of engineering education, he has developed computer modules for electric circuits, signals, and systems which improve the teaching and learning of the fundamentals of electrical engineering.