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Professor Alan V. Oppenheim is a principal investigator in the Research Laboratory of Electronics (RLE) at the Massachusetts Institute of Technology (MIT). He received the S.B. and S.M. degrees in 1961 and the Sc.D. degree in 1964, all in electrical engineering, from the Massachusetts Institute of Technology. He is also the recipient of an honorary doctorate from Tel Aviv University.

In 1964, Professor Oppenheim joined the faculty at MIT, where he is currently Ford Professor of Engineering in the Department of Electrical Engineering and Computer Science. Since 1967 he has been affiliated with MIT Lincoln Laboratory and since 1977 with the Woods Hole Oceanographic Institution. His research interests are in the general area of signal processing and its applications. He is coauthor of the widely used textbooks *Digital Signal Processing*, *Discrete-Time Signal Processing* which is in its third edition and *Signals and Systems* which is in its second edition. He is also editor of several advanced books on signal processing.

Dr. Oppenheim is a member of the National Academy of Engineering, a Life Fellow of the IEEE, a member of Sigma Xi and Eta Kappa Nu. He has been a Guggenheim Fellow and a Sackler Fellow at Tel Aviv University and a MacVicar Fellow at MIT. He has received a number of awards for outstanding research and teaching, including the IEEE Education

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Medal, the IEEE Jack S. Kilby Signal Processing Medal, the IEEE Centennial Medal, and the IEEE Third Millennium Medal. He has received the Society Award, the Technical Achievement Award and the Senior Award of the IEEE Society on Acoustics, Speech and Signal Processing. He has also received a number of awards at MIT for excellence in teaching, including the Bose Award and the Everett Moore Baker Award.

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Keywords

signal modeling, DSP, sampling and signal representations, signal estimation, nonlinear dynamical systems, signal processing algorithms

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