

## **Youshou Wu**

Professor Wu (1925.7-2015.1) received his bachelor's degree in engineering from the Department of Electrical Engineering of Tsinghua University in 1948, and since then has been a faculty member at Tsinghua University. Currently, he was a fellow of the Chinese Academy of Engineering, professor of the Department of Electronic Engineering in Tsinghua University, Director of the National Academic Degrees and Graduate Education Development Center, and Honorable President of the Southwest University of S&T.

He had also served as Chairman of the Radio Engineering Department, Dean of the Graduate School of Tsinghua University, Chairman of the Evaluation Committee on Electronics and Communications of the State Degree Commission and executive Vice-President of the Science and Technology Committee of the State Education Commission.

Professor WU was very active in the field of Electronics and Information Systems. He was a fellow and vice president of the Chinese Institute of Communications, and fellow of the Chinese Institute of Electronics, senior member of IEEE, and official member of the Signal and Systems Committee of URSI. He was a co-founder of the Asian-Pacific Neural Network Assembly (APNNA) and was President of the Assembly in 1995-96.

Professor Wu was a distinguished expert and educator in electronic engineering and a pioneer in digital communication in our country. Professor Wu had worked on digital communication, data transmission, digital signal processing and pattern recognition. Many awards had followed his many achievements which include: (1) an experimental 8-channel PCM telephone terminal which was the first digitized telephone facility developed in China in 1958, (2) a SCA Series Data Transmmission Equipment which was equipped for telemetry data transmission in our country's first satellite in the 1960's,(3) a "TJ-82 image computer," (4) a multifont printed Chinese character recognition system which can recognize as many as 6763 Chinese words in 1985, and (5) a high performance multi-font Chinese character recognition system "TH-OCR" which is widely used for input Chinese characters into computers.

He published 5 books, namely: High Frequency Circuits, Chinese Character Recognition, Fundamentals of Radio Engineering, Pulse Techniques and How to Teach the Computer to Understand Chinese Characters, and more than 90 journal articles.