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EDUCATION

- **Ph.D.** The University of Toledo, Ohio, May 99
- **M.S.E.E.** Monmouth University, New Jersey, May 91
- **Certificate**, Graduate Institute of EE, National Taiwan University, Taipei, Taiwan, Feb. 89
- **Diploma**, National Taipei Technical University, Taipei, Taiwan, June 86

EXPERIENCE

- **Assistant Professor** in the Department of Computer Science and Information Engineering, from Aug. 04 – present, National Formosa University, YunLin, Taiwan
- **Assistant Professor** in the Department of Electrical Engineering, from Feb. 00 – present, National Taipei University of Technology, Taipei, Taiwan
- **Visiting Professor**, in Oct. 01, Mongolian University of Science and Technology, Mongolia
- **Assistant Professor** in the Graduate Institute of Networking and Communication Engineering, from Aug. 02 – July 04, ChaoYang University of Technology, Taichung, Taiwan
- **Assistant Professor** in the Department of Information and Communication Engineering, from Aug. 99 – July 02, ChaoYang University of Technology, Taichung, Taiwan
- **Committee member**, from June 00 – present, IEEE Satellite & Space Communication Society
- **Technical Program Committee**, World Wireless Congress 03 – 05, IEEE Globecom 03, IEEE WCNC 05
- **Editorship**, International Journal of Networking Security
- **Teaching Assistant** in the classes of Digital Signal Processing, Digital Filter Design, Electromagnetic, Computer Language, and Discrete Mathematics, from Jan. 97 – May 99, University of Toledo, Ohio
- **Graduate Assistant** from Sept. 93 - Dec. 96, University of Toledo, Ohio

PROFESSIONAL TRAINING CLASS

Spread Spectrum Wireless Communication, TDMA, FDMA and IS-95 Digital Cellular Communications, IEEE VTC'97, Phoenix, May 4-7, 1997.

RECENT PUBLICATION

- *Source Coding Theory*, as Textbook used in Graduate Level, 2004
- *Probability, Random Variables, and Random Signal Principles by Peebles 2002*, Chinese translation edition, 2002.
- Timeslot-Sharing Algorithm with a Dynamic Grouping for WDM Broadcast-and-Select Star Networks, (Accepted Nov. 21) will be published in Journal of Systems and Software. [SCI]
- Dynamic Packet Allocation Scheme for All-to-All Transmission Schedule in WDM Networks, (Accepted Sept. 22) will be published in European Transactions on Telecommunications. [SCI]
- Performance Evaluation of a Satellite-Switched Variable – Frame TDMA System, (Accepted April 30) will be published in International Journal of Electronics and Communications. [SCI]
- A Study of Earth Station Grouping Scheme for Satellite-Switched TDMA Systems, Proceeding of 6th World Wireless Congress, pp. 355-359, 2005, [EI]
- The Turbo code-aided linear iterative equalizer in a Parallel ISI Channel, Proceeding of 6th World Wireless Congress, pp. 530-534, 2005. [EI]
- Spectrum Management and Analysis in the Non-Geostationary (Non-GEO) Satellite Communication System, Proceeding of IEEE ICC2004, pp. 3316- 3320, 2004. [EI]
- On the Efficiency of Nonrepudiable Threshold Proxy Signature Scheme with Known Signers, Journal of Systems and Software, Vol. 73, pp.507-514, 2004, [SCI].
- A Code-aided Linear Turbo Equalizer for Parallel ISI Channels, Proceeding of 5th World Wireless Congress, pp. 13-17, May, 2004. [EI]
- Modeling and Performance Analysis of the Low Earth Orbit (LEO) Satellite Channel, IEICE Transactions on Communications, Vol.E86-B No.9, p.2684-2693, 2003, [SCI][EI]

GRANTS

- Low Density Parity Check Code Aided Equalizer under the Satellite Channel, from Aug. 05 – July 06, National Science Council, Taiwan
- Evaluation and Application of the Self Healing Communication System, from Apr. 05 – Dec. 05, Allis Electric Co., Ltd.
- More Information Transmission over a Band Limited Channel, from July 05 – Feb. 06, National Science Council, Taiwan
- Up/Down Converter Radio Frequency Circuit Applied to TDM System, from Sept. 04 – Dec. 04, Ministry of Education, Taiwan
- Teaching and Research on Radio Frequency Circuit, Feb. 04 – Oct. 04, Chaoyang University of Technology, Taiwan
- A Research on Turbo Code Aided Equalizer, from Aug. 03 – July 04, National Science Council, Taiwan
- Platform of the Data Mining Service, Dec. 03 – Oct. 04, National Science Council, Taiwan
- Teaching and Research on Digital Signal Processing Circuit, Apr. 03 – Dec. 03, Chaoyang University of Technology, Taiwan

SPEECH

- Turbo Code Aided Equalizer, National Chi Nan University, Oct. 05, Taiwan
- Code Aided Equalizer, National Yulin University of Technology, May 04, Taiwan
- Data Hiding Technology for Binary Image, Chung Hua University, Apr. 04, Taiwan
- Modulation Scheme for Video Signal, Sept. 03, World Trade Center Taichung, Taiwan
- Performance Evaluation of the Low Earth Orbit Satellite System, June 03, Taiwan
- Performance Analysis of Turbo Code, Apr. 03, Taiwan

References furnished on request