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EDUCATIONAL BACKGROUND

- Bachelor Degree, Department of Electronic and Information Engineering, Nanjing University of Posts and Telecommunications, China (2008)
- Master Degree, Department of Electronic Engineering, Beijing University of Posts and Telecommunications, China (2011)
- Ph. D Degree, Department of Mechanical Engineering, Hong Kong Polytechnic University, China (2015)

RESEARCH INTERESTS

Nonlinear Signal Processing, 3D Point Cloud Processing

ACADEMIC EXPERIENCE

Assistant Professor, Department of Information Communication Technology, Xiamen University Malaysia (2017)

REPRESENTATIVE PUBLICATIONS

- **Z. Xiao** & X. Jing. (2016). A Novel Characteristic Parameter Approach for Analysis and Design of Linear Components in Nonlinear Systems. *IEEE Trans. Signal Process*, 64(10), 2528-2540
- **Z. Xiao**, X. Jing, & L. Cheng (2013). Parameterized Convergence Bounds for Volterra Series Expansion of NARX Models. *IEEE Trans. Signal Process*, 61(20), 5026-5038.
- **Z. Xiao** & X. Jing. (2016). Frequency-Domain Analysis and Design of Linear Feedback of Nonlinear Systems and Applications in Vehicle Suspensions. *IEEE/ASME Trans. Mechatronics*, 21(1), 506-517.
- **Z. Xiao** & X. Jing (2015). A SIMO Nonlinear System Approach to Analysis and Design of Vehicle Suspensions. *IEEE/ASME Trans. Mechatronics*, 20(6), 3098-3111.
- **Z. Xiao**, X. Jing, & L. Cheng. (2014). Estimation of parametric convergence bounds for Volterra series expansion of nonlinear systems. *Mech. Syst. Signal Process*, 45(1), 28-48.

- **Z. Xiao**, X. Jing, & L. Cheng. "Computation of Parametric Convergence Bound and Parametric Convergence Margin for Volterra series expansion," in Control Conference (ASCC), 2013 9th Asian, 2013, pp. 1-5.