

Associate Professor GUAN Dong

College	College of Mechanical Engineering
Current Position	Associate Professor
Types of Tutor	Master Tutor
Language	Chinese/English
Education	Dr. Guan obtained his doctoral degree from Xi'an Jiaotong University since Dec. 2016. He is a visiting scholar at UIUC during 2015-2016, and a postdoc fellow of PolyU and CUHK during 2018-2020.
Research Interests	Mechanical/Vehicle System Dynamics, Tribology, Virtual Prototype Technology
Selected Publications	<ol style="list-style-type: none">1. Guan D, Jing X, Shen H, et al. Test and simulation the failure characteristics of twin tube shock absorber[J]. Mechanical Systems and Signal Processing, 2019, 122: 707-719.2. Guan D, Jing L, Hilton H H, et al. Tangential contact analysis of spherical pump based on fractal theory[J]. Tribology International, 2018, 119: 531-538.3. Guan D, Wu J H, Jing L, et al. Kinematic modeling, analysis and test on a quiet spherical pump[J]. Journal of Sound and Vibration, 2016, 383: 146-155.
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