

## Brief CV

Name/中文姓名	Dehai Zhang/张德海	Gender	Male	
Title (Pro./Dr.)	Pro.	Country	China	
University/Department	Zhengzhou University of Light Industry			
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Research Area	Reverse engineering, advanced materials (additive manufacturing) forming process control, etc.			
<p>Zhang Dehai, Male, born in 1973, doctor of engineering, Professor, Xi'an Jiaotong University. Main research fields: reverse engineering, advanced materials (additive manufacturing) forming process control, etc. In recent years, he has published more than 140 papers in domestic and foreign publications, including more than 20 SCI retrieval articles, 2 textbooks, 9 national invention patents, 5 provincial and ministerial projects, and 2 second prizes of Henan science and technology progress award. It is mainly responsible for the teaching of undergraduate courses such as principles and design of automata, introduction to mechanical engineering and 3D digital modeling and reverse engineering. The main papers published are listed as followed,</p> <p>[1] Dehai Zhang, Yanqin Li, Guizhong Xie, Duanqin Zhang, Shen Wu, Jianxiu Liu. Digital image correlation method for measuring deformations of vinylchloride-coated metal multi-layer sheets[J]. Modern Physics Letters B, 2019,33 (5): 1950050 (18)</p> <p>[2] Dehai zhang, Yanqin Li, Jianxiu Liu, Guizhong Xie, Erwei Su. A novel 3D optical method for measuring and evaluating springback in sheet metal forming process[J]. Measurement, 2016,92:303-317 (SCI:DS4FL)</p> <p>[3] Dehai Zhang, Guizhong Xie, Yanqin Li, Jianxiu Liu. Strain and mechanical properties of VCM multi-layer sheet and their composites using digital speckle correlation method [J]. Applied Optical, 2015 54(25):7534-7541(SCI: CQ1GB )</p> <p>[4] Zhang De-hai, Bai Dai-ping, Liu Ji-bin, Guo Zhe, Guo Cheng. Formability Behaviors of 2A12 Thin-wall Part Based on DYNAFORM and Stamping Experiment[J]. Composites: Part B, 2013, 55: 591-598, 2013 (SCI:229XT)</p> <p>[5] Zhang DH, Liang J, Guo C, Chen ZX, Integrated precision evaluation method for 3D optical measurement system[J].Proceedings of the Institution of Mechanical Engineers, Part B, Journal of Engineering Manufacture, 2011, 225 (6): 909-920 (SCI: 808JP)</p> <p>[6] Zhang DH, Liang J, Guo C, Liu JW, Zhang XQ, Chen ZX, Exploitation of photogrammetry measurement system[J]. Optical Engineering, 2010, 49(3): 037005-1-11 (SCI: 586RW)</p> <p>[7] Zhang DH, Guo C, Du XP, Uniaxial tensile fracture of stainless steel-aluminum bi-metal[J]. Proceedings of the Institution of Mechanical Engineers, Part C, Journal of Mechanical Engineering Science, 2011, 225 (5): 1061-1068, 2011 (SCI: 772VY)</p>				