

## 网站栏目

- 团队新闻
- 学术活动
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## 团队研究方向

结构完整性理论  
先进连接/表面技术  
微(小)化学机械系统  
化学-机械力学行为  
后续能源与传感技术  
结构完整性监测技术  
材料细观设计理论

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## 站内检索

## 站内链接

- 研究生园地
- 博士后科研流动站
- 教育部重点实验室
- 化工机械研究所

## 友情链接

- 华东理工大学
- 图书馆
- 机械与动力工程学院
- 中国结构完整性联盟

## Publications in 2003

- Tu ST, Ling X . Interpretation of damage mechanics behaviour of two-bar structures for the life extension of high-temperature components. Journal of Strain Analysis for Engineering Design 2003; 38(2):125-132.
- Tu ST, Yong Y, Cai WZ, Ling X. Saturation of Physical Properties of Composites with Randomly Distributed Second Phase. MESOMECHANICS 2003, Tokyo 2003; ():245-250.
- Tu ST, Segle P, Gong JM. Creep Damage and Fracture of Weldments at High Temperature. Proc. 10th International Conference on Pressure Vessel Technology, Vienna 2003; ():269-278.
- Zhou CY, Tu ST, Dai SH. The Optimum Preventive Maintenance Period of Reformer Furnace Tubes System. Proc. 10th International Conference on Pressure Vessel Technology, Vienna 2003; ():525-533.
- Tu ST, Xuan FZ, Gong JM, Wang ZD. Advance of High Temperature Strength of Materials and Structures in China. Transaction of the CPVI. Journal of China Pressure Vessel Technology 2003; 1(2):136-144.
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- Chen SQ, Tu ST, Gong JM. Life prediction of cemented carbide tools by thermoelectric property. FM2003-Structural Integrity and Materials Aging 2003; East China University of Science and Technology Press(Shanghai):225-229.
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- Wang ZD, Hua L, Liu FX, Wu DD. Hydrogen-induced cracking and disbonding in reactor steels. Transaction of the CPVI, Journal of China Pressure Vessel Technology 2003; 1(2):127-130.
- Xuan FZ, Li PN, Tu ST . Plastic limit load of welded piping branch junctions under internal pressure. Nuclear Engineering and Design 2003; 224(1):1-9.
- Xuan FZ, Li PN, Tu SD. Evaluation of plastic limit load of piping branch junctions subjected to out-of-plane moment loadings. Journal of Strain Analysis for Engineering Design 2003; 38(5):395-404.
- Xuan FZ, Tu ST, Li PN, Wang ZW. Analysis of bulging deformation of ethylene compressor base-box. Journal of Engineering Failure Analysis 2003; 11(1):141-148.
- Xuan FZ, Tu ST, Wang ZD. Safety assessment method for defective structures in creep regime. FM2003-Structural Integrity and Materials Aging 2003; East China University of Science and Technology Press(Shanghai):119-128.
- Xuan FZ, Tu ST, Li PN, Wang ZW. Analysis of bulging deformation of ethylene compressor base-box. Journal of Engineering Failure Analysis 2003; 11(1):141-148.
- Xuan FZ, Tu ST, Wang ZD. C\*-integral Estimation method for Cracks in Welds with Mismatched Mechanical Properties. 2nd International Conference Integrity of High Temperature Welds, London 2003; ():447-457.