

## TABLE OF CONTENTS 目 录

### Vibration Monitoring and Inter-Electrode Gap Controlling of Synchronizing Ultrasonic Compound Electric Machining

(同步超声复合电加工振动监测与加电间隙控制)

Z. Q. DENG, F. WANG, Y. W. ZHU.....231

### Study on Vibration and Dynamics Characteristics of Rotating Disk Based on Large Deflection Plate Theory

(基于大挠度板理论的旋转轮盘振动及动力学特性研究)

T. J. LIU, L. ZHANG, X. LI.....239

### The Difference between Pro/Engineer and ANSYS in FEA

(Pro/Engineer 与 ANSYS 进行零件有限元分析的差异研究)

F. F. MA, Y. H. CUI, H. J. WANG.....246

### Numerical Simulation and Study of Stress for Rolling Textured Surface

(轧辊表面毛化应力的数值模拟与研究)

F. F. WEI, S. R. ZHANG.....254

### Discussion on the Problem of Breakable Nozzle of Integral Hot Runner

(整体式热流道热嘴易断裂问题探讨)

H. WANG, Q. ZHANG, S. J. ZHONG, S. J. HUANG.....261

### Application of Adaptive Filtering Method Based on EMD in Fault Diagnosis of Pump

(基于 EMD 的自适应滤波方法在水泵故障诊断中的应用)

Y. Q. CHEN, Y. M. LIU, J. JIANG, Z. H. XIAO, G. W. LAI.....270

### Casting Technology and CAE Simulation Analysis of Machine Base Parts

(机座零件的铸造工艺及 CAE 模拟分析)

Y. ZHUANG, X. J. MIAO, F. SUN, Y. N. QIU, J. HU.....278