

# Volume 18, Issue 4, June 2013

ISSN: 1007-1172 (Print) 1995-8188 (Online)

## In this issue

(18 articles)

 OriginalPaper

### Active approach for tamper detection with robustness to lossy compression

Jian Li 李剑, Sheng-hong Li 李生红...

**Look Inside**  
**Get Access**

Pages 385-393

 OriginalPaper

### Fabrication and drilling tests of chemical vapor deposition diamond coated drills in machining carbon fiber reinforced plastics

Jian-guo Zhang 张建国, Bin Shen 沈彬...

**Look Inside**  
**Get Access**

Pages 394-400

 OriginalPaper

### Application of PETSc in soil-water coupled geotechnical problems

Dong-chao Di 狄东超, Guan-lin Ye 叶冠林...

**Look Inside**  
**Get Access**

Pages 401-408

---

 OriginalPaper

## Acoustic radiation analysis based on essential solution of Green's function

Lu-yun Chen 陈炉云, Yu-fang Zhang 张裕芳

**Look Inside**  
**Get Access**

Pages 409-417

---

 OriginalPaper

## Thread labeling for news event

Ze-hua Yan 闫泽华, Fang Li 李芳

**Look Inside**  
**Get Access**

Pages 418-424

---

 OriginalPaper

## Orthogonal discriminant improved local tangent space alignment based feature fusion for face recognition

Qiang Zhang 张强, Yun-ze Cai 蔡云泽...

**Look Inside**  
**Get Access**

Pages 425-433

---

 OriginalPaper

## Time-series forecasting using autoregression enhanced $k$ -nearest neighbors method

Feng Pan 潘峰, Hai-bo Zhao 赵海波...

**Look Inside**  
**Get Access**

Pages 434-442

---

 OriginalPaper

## Research on anti-counterfeiting quick response 2D barcode techniques based on digital watermark

Rong-sheng Xie 谢荣生, Ke-shou Wu 吴克寿...

**Look Inside**  
**Get Access**

Pages 443-447

---

 OriginalPaper

## Modified gray level difference-based thresholding segmentation and its application in X-Ray welding image

Tong Tong 佟彤, Yan Cai 蔡艳, Da-wei Sun 孙大为...

**Look Inside**  
**Get Access**

Pages 448-453

---

 OriginalPaper

## Sliding mode control in position control for asymmetrical hydraulic cylinder with chambers connected

Jun-bo Lei 雷军波, Xuan-yin Wang 王宣银...

**Look Inside**  
**Get Access**

Pages 454-459

---

 OriginalPaper

## Sequencing mixed-model flexible assembly lines with variable launching intervals

Ke-na Tong 童科娜, Ke-lin Xu 徐克林...

**Look Inside**  
**Get Access**

Pages 460-467

---



OriginalPaper

## Dry milling of the ultra-high-strength steel 30CrMnSiNi2A with coated carbide inserts

Qiu-lin Niu 牛秋林, Da-peng Dong 董大鹏...

**Look Inside**  
**Get Access**

Pages 468-473

---

 OriginalPaper

## Regression analysis of initial stress field around faults based on fault throw by displacement discontinuity method

Ke Li 李科, Ying-yi Wang 王颖轶...

**Look Inside**  
**Get Access**

Pages 474-478

---

 OriginalPaper

## Propagation characteristics of elastic wave in layered medium and applications of impact imaging method

Chao Liu 刘超, Ai-lan Che 车爱兰...

**Look Inside**  
**Get Access**

Pages 479-485

---

 OriginalPaper

## Long-term performance prediction of oscillating wings for assisting ship propulsion at actual seas

Pei-yuan Feng 封培元, Ning Ma 马宁...

**Look Inside**  
**Get Access**

Pages 486-492

---

 OriginalPaper

## Computationally efficient approaches to fatigue analysis of deepwater risers

Lei-lei Dong 董磊磊, Qi Zhang 张崎, Yi Huang 黄一...

**Look Inside**  
**Get Access**

Pages 493-499

---

 OriginalPaper

## Improvement of oil/water selectivity by stearic acid modified expanded perlite for oil spill cleanup

Pei-shi Qi 祁佩时, Na Lin 林娜, Yun-zhi Liu 刘云芝...

**Look Inside**  
**Get Access**

Pages 500-507

---

 OriginalPaper

## Game theory analysis of quality control in two-echelon supply chain

Jiang-tao Hong 洪江涛, Jun-fang Chen 陈俊芳

**Look Inside**  
**Get Access**

Pages 508-512