

	.....	(1)
—	.....	(7)
C70	.....	(14)
	.....	(17)
	.....	(22)
	.....	(26)
Fourier Gabor	.....	(31)
	.....	(35)
Retinex	.....	(40)
	.....	(50)
	.....	(55)
	.....	(59)
	.....	(64)
"	.....	(69)
	.....	(73)
以湖南工学院为例	.....	(76)
	.....	(83)
以湖南工学院电气与信息工程学院为例	.....	(88)
CDIO	.....	(91)

## CONTENTS

## Architecture and Materials

- Finite Element Analysis of the Applicability of Excavation Scheme on the Slope of Old Embankment in Subgrade Widening Engineering ..... ZHENG Li xiao, ZHANG Min, LI Gang( 1)
- Monitoring Analysis of Tunnel Structure Deformation Caused by Pile Foundation Construction between Dashi and Hanxi ..... ZHU Hong xia, ZHOU Wen quan, LIANG Qiao, et al( 7)
- The Durability Performance Test of C70 Self compacting Concrete ..... HOU Wei, HE Zheng bin, LI Tan ping, et al( 14)
- Study of Influencing Factors on the Shear Strength of Silt ..... LIN Jian ping, ZHU Hong xia, ZHOU Wen quan, et al( 17)

## Machine and Automation

- The Common Faults and Solutions in Roller Press of Joint Cement Grinding System ..... JIANG Dong qing, LIU Ming hong( 22)

## Safety and Chemicals

- Study on Stress Evolution with Time and Space of Double Pressure Relief in Composite Coal Seam Group ..... LI Min, JIA Hui qiao, ZHANG Jian, et al( 26)

## Electronic and Information

- Study of Detecting Signal Break Based on Fourier Transform, Gabor Transform and Wavelet Transform ..... CHEN Jian, LI Xin, JIA Ya qiong, et al( 31)
- Speech Emotion Recognition Based on Integration of Multiple Classifiers ..... WANG Xiao hu( 35)
- Fast Single Image Defogging Method Based on Dark Channel Prior and Retinex Theory ..... TANG Qun fang, LIU Hai bo( 40)
- Adaptive Wavelet Packet Threshold Speech Enhancement Algorithm Combined with Improved Subspace ..... REN Yong mei, ZHANG Xue ying, JIA Hai rong, et al( 50)

## Basic Theory

- Research on Colloidal System Clustering Nucleation Conditions ..... DENG Yuan xiang, YANG Pei lin( 55)
- Female Impersonators Influence on Literature in the Early and Middle Qing Dynasty ..... CHENG Yu ang( 59)
- On Differences between Chinese and Western Values from the Perspective of Historical Materialism ..... LIU Qi chun( 64)

## Economy and Management

- The Practice of " Six Forefronts of Changsha " to Promote the Development of Open Economy ..... YANG Zhong zhu ( 69)

## Education and Teaching

- The Challenge and Solution of Ideological and Political Education in Colleges and Universities in the Large Data Era ..... JIANG Hong( 73)
- Investigation on the Current View of Employment of Contemporary College Students  
— Taking Hunan Institute of Technology as Example ..... LI Guang hong( 76)
- The Application of Chart Teaching Method in the Classroom Teaching for Single phase and Half bridge Inverter Circuit ..... RONG Jun, WAN Jun hua, TU Bing, et al( 83)
- Research on New Approaches to Improve Young Teachers Teaching Ability  
— Taking School of Electrical and Information Engineering in Hunan Institute of Technology as Example ..... JIA Ya qiong, REN Yong mei, YU Bin( 88)
- The Teaching Reform of Project Bidding and Contract Management Course Based on CDIO ..... PANG Zhao hui, WANG Rui, GU Dan ping, et al( 91)