

总 目 次

第 1 期	
不对称氢醌双醚及新型准轮烷的合成	席海涛, 孙小强, 何光裕 (1)
相转移催化合成壬二酸的研究	杨 扬, 尹芳华, 刘 兵等 (5)
$\text{SO}_4^{2-}/\text{Fe}_2\text{O}_3$ 催化合成草酸二异戊酯	姚致远, 马江权, 黄荣荣等 (8)
间规立构聚丙烯非等温结晶行为研究	俞 强, 龚方红, 刘建忠等 (10)
聚合物乳化脱溶新工艺的研究	孙同华, 赵新利, 王志民 (14)
以马来酸为原料合成的聚天冬氨酸的阻垢性能	韶 晖, 冷一欣 (18)
新药“宁静液”的药效、毒理实验研究	张 静, 徐 鸽, 孙 琦 (21)
离子氮化—PECVD TiN 膜复合处理提高切边模具寿命研究	谢 飞, 何家文 (24)
结构对圆形水平排管喷膜蒸发传热性能影响的研究	张锁龙, 张新年, 张龙根等 (28)
城市废水厌氧生物处理可行性分析	郭迎庆 (32)
武进市夹山垃圾卫生填埋场大气环境影响评价	李定龙, 彭明国, 蒋荣泉等 (35)
混凝法处理大运河常州段浊水的研究	罗士平, 周国平, 徐以撒等 (39)
Windows NT 环境下优秀的磁盘配额系统 SpaceGuard	马正华, 吴 斌 (42)
SYBASE 大型数据库在金融系统中的应用	郑笑峰, 薛国新 (45)
三阶有重根 Poincaré 差分方程解的渐近性质	吴春青 (48)
基于代理服务器的计费系统设计与实现	封红旗, 潘荷新, 孔 健 (51)
六角工件自动级进模设计	傅生斌 (55)
近代物理多媒体教学软件的开发	江兴方 (58)
三棱镜折射率的测定	陈宪锋 (62)
简 讯	
《江苏石油化工学院学报》被列入国家科技部中国科技论文统计源期刊	(17)
《江苏石油化工学院学报》荣获《CAJ—CD 规范》执行优秀奖	(31)
第 2 期	
二氧化锡衬底上 Sol—Gel PLT 膜的性能研究	李金华, 袁宁一, 李 坤等 (1)
渗氮—气相沉积 TiN 复合处理层膜基间“黑色层”组织的形成与控制	谢 飞, 何家文 (5)
金属材料的碳化腐蚀及防护研究进展	黄志荣, 尤一匡 (9)
1—(2—叔丁基过氧异丙基)—3—异丙烯基苯与丙烯酸甲酯共聚行为研究	李 坚, 林明德, 俞 强等 (13)
二环己基二甲氧基硅烷的合成	张卫红, 宋国强, 张 灏 (17)
一种纸张涂布浆料用的高效复合消泡剂	沈介发, 眭惟红, 朱美兰 (20)
除草剂异丙隆的合成研究	夏天喜, 陈 萍 (23)
邻、对氯甲苯的精馏分离计算	范正明, 邱 滔 (26)

DDHI 在乙醇及乙醇—水溶液中溶解度的研究	叶 青, 裘兆蓉, 王车礼等 (30)
外部调用接口在 CICS/400 中的应用	郑笑峰, 马正华 (33)
Delphi 与 VC++ 混合编程技术在工控软件中的应用	王洪元, 潘 操, 杨小英等 (36)
工业水处理可编程控制系统	何宝祥, 蔡小颀 (40)
硬件磁盘阵列的使用	马正华, 吴 斌, 朱正伟 (43)
NT 服务器在机房管理中的应用	王霞俊, 金 耀 (46)
一个求多项式零点的并行迭代法	黄清龙 (49)
一个反对称矩阵乘法的快速算法	王 珂, 许 波 (52)
钢表面片状珠光体分数维计算	江兴方 (54)
薄壁方管的高效弯曲工艺分析和模具设计	徐邦杰, 朱德范 (57)
固体废物处理与环境中二噁英污染	李定龙, 王凯全 (61)
简 讯	
《正丁基氯清洁生产工艺研究》通过省级技术鉴定	(39)

第 3 期

湍流模型在平板边界层分离流动中的应用	蒋绿林, 高玉明 (1)
柔性机构的设计计算	邹 旻, 祝海林, 沈惠平等 (5)
平面机构分析与尺度综合方法的选择	胡爱萍, 沈惠平 (9)
BP 神经网络算法研究及其在燃煤锅炉中应用	肖立川, 薛国新 (13)
一类四维 Lotka—Volterra 系统的持久性	沃松林, 刘玉清 (17)
反应精馏法合成一氯丙酮	张 跃, 严生虎, 沈介发 (20)
乙酸催化氯化反应机理及制备氯乙酸中二氯乙酸的控制	周茂权, 张 娜, 严生虎等 (23)
石油炼制工艺设计物性数据查询系统的开发	姚致远, 黄荣荣, 张 杰等 (26)
木质素作为脱硫剂的研究	张 静, 徐 鸽, 宗蕴玮 (29)
处理炼油厂“三泥”水相的陶瓷微滤膜再生方法的研究	钟 璟, 孙晓娟, 蒋培华等 (32)
燃料油低硫化的最新进展	邬国英, 林西平 (35)
半导体光催化剂及其在环境保护中的应用	盛 梅, 许 淮, 朱毅青 (40)
环境问题: 21 世纪影响企业经营的重要因素	侯菊源 (44)
齿轮在不同工作条件下的润滑状态	孙 健 (47)
STD 在电阻炉温度控制系统中的应用	张华鹏 (50)
DSP 信号处理器的特点和应用方向	张小鸣, 马正华 (53)
基于 WEB 的多媒体教学资源库的设计与实现	薛 磊, 马正华 (56)
简化力法计算的两种补充方法	俞瑞荣 (60)
解决食堂“三排一滑”技术问题的探讨与实践	翁永动, 陆卫平, 缪 英等 (62)
简 讯	
会议信息	(16)
我院沈惠平教授获省青年科技创新人才项目	(22)

第 4 期

Sol—Gel V_2O_5 薄膜的成膜和取向研究	袁宁一, 李金华, 林成鲁	(1)
耐盐菌的研究	李尔炆, 程洁红, 史乐文等	(4)
阳离子型改性絮凝剂的制备及在废水处理中的应用	严文瑶, 钱 岑	(7)
降解菌处理多菌灵农药废水的 SBR 工艺研究	程洁红, 李尔炆	(11)
聚硅酸铝铁 Q6a 及有机絮凝剂 F2 处理印染废水	裘兆蓉, 裴峻峰, 郑晓林等	(14)
炼油厂“三泥”中浮渣脱水工艺研究	孙晓娟, 钟 磊, 蒋培华等	(17)
磺化酞菁钴及若干活化剂脱硫醇活性的研究	栗洪道, 张小顺, 袁 非	(20)
辽河油田曙一区超稠油乳化研究	汪曙辉, 赵锁奇, 宋绍富等	(23)
邻氯苄醇的制备	何明阳, 陈 群	(27)
CR/SBS/MMA/BA 多元接枝共聚及自交联型接枝产物的粘合性能	张东亮, 龚方红, 唐为丰	(30)
抛射式双轴混合制粒机混合机理及参数优化	田 华, 卓 震	(34)
渗氮—气相沉积硬质膜复合处理技术及其发展	谢 飞	(38)
数据挖掘技术在故障诊断中的应用	王洪元, 史国栋, 符彦惟等	(42)
多项式方程组符号求解的主项解耦消元法	杨廷力, 杭鲁滨, 沈惠平等	(45)
芳烃抽提及 C_{8}^{+} 分离装置的建模与仿真培训软件的开发	顾忠明	(50)
优化方法在制备长余辉磷光体试验中的应用	石澄贤, 付 敏	(53)
一个非定常自由边界问题解的存在、唯一性	刘玉清, 沃松林	(56)
无线通信技术及其发展动态	徐 燕	(58)
相位比较法在声速测量中的应用	曹建庆, 江兴方	(62)
简 讯		
《聚天冬氨酸的合成及应用研究》通过省级技术鉴定		(26)
《金湖县石化机械产业技术政策研究》软科学项目通过省级技术鉴定		(64)

第 13 卷终

TOTAL CONTENTS

No. 1

Synthesis of Unsymmetrical Hydroquinone Ether Chain and Novel Pseudorotaxane	.....
..... XI Hai—tao, SUN Xiao—qiang, HE Guang—yu (1)	
Study on Synthesis of Azelaic Acid by Using Phase Transfer Catalyst	.....
..... YANG Yang, YIN Fang—hua, LIU Bing, et al (5)	
Preparation of Diisopentyl Oxalate Using $\text{SO}_4^{2-} / \text{Fe}_2\text{O}_3$ as Catalyst	.....
..... YAO Zhi—yuan, MA Jiang—quan, LIU Hong—xiao, et al (8)	
Nonisothermal Crystallization Behavior of Syndiotactic Polypropylene	.....
..... YU Qiang, GONG Fang—hong, LIU Jian—zhong, et al (10)	
Study on Novel Technique of Polymer Desolvation by Emulsifying	.....
..... SUN Tong—hua, Zhao Xin—li, WANG Zhi—min (14)	
Polyaspartate and its Scale—inhibition	..... SHAO Hui, LENG Yi—xin (18)
Study on Pharmacology and Toxicology of the New Drug “Ningjingye”	.....
..... ZHANG Jing, XU Ge, SUN Qi (21)	
Prolonging the Service Life of Edge—Cutting Die by Duplex Treatment of Plasma Nitriding—PECVD TiN Film	.....
..... XIE Fei, HE Jia—wen (24)	
The Research on the Property Influenced by Different Intervals of HSFFE Formed by Circular Pipes	...
..... ZHANG Suo—long, ZHANG Xing—nian, ZHANG Long—geng, et al (28)	
Analysis of the Feasibility of Anaerobic Biological Treatment of Urban Wastewater	.....
..... GUO Ying—qing (32)	
Impact Assessment of Atmospheric Environment in Wujin Jiashan Sanitary Landfill	.....
..... LI Ding—long, PENG Ming—guo, JIA Yuong—rong, et al (35)	
Study on Turbid Water from the Grand Canal by Flocculation	.....
..... LUO Shi—ping, ZHOU Guo—ping, XU Yi—sa, et al (39)	
SpaceGuard—An Excellent Disk—Quota System under Windows NT	.....
..... MA Zheng—hua, WU Bin (42)	
The Application of SYBASE Database in Financial System	.....
..... ZHENG Xiao—feng, XUE Guo—Xin (45)	
Asymptotic Behavior of Solutions to Third Order Poincaré Difference Equations with Multiple Roots	.....
..... WU Chun—qing (48)	
The Design Implementation of a Proxy—based Charge on Internet	.....
..... FENG Hong—qi, PAN He—xin, KONG Jian (51)	
The Auto—step—feeding Punch Module Design for Hexagonal Work Parts	..... FU Sheng—bing (55)
Development of the Teaching Software in Modern Physics	

..... JIANG Xing—fang (58)

The Measuring for Refractive Index of Triangular Prism

..... CHEN Xian—feng (62)

No. 2

Ferroelectric Properties of Sol—Gel PLT Films on Tin—oxide Electrodes LI Jin—hua, YUAN Ning—yi, LI Kun, et al (1)

The Formation and Controlling of “Black Layer” Between the Film and Substrate of the Duplex—treated Layer by Nitriding and Vapor Deposited TiN XIE Fei, HE Jia—wen (5)

Review of Carburization Corrosion and Protection of Metal Materials HUANG Zhi—rong, YOU Yi—kuang (9)

Copolymerization of T—butyl—3— isopropenylcumylperoxide and Methyl Acrylate LI Jian, LIN Min—de, YU Qiang, et al (13)

Synthesis of Dicyclohexyldimethoxysilane ZHANG Wei—hong, SONG Guo—qiang, ZHANG Hao (17)

Preparation of High Efficient Defamer Used for Paper—coating SHENG Jie—fa, SUI Wei—hong, ZHU Mei—lan (20)

Study on the Synthesis of Isoproturon as Herbicides XIA Tian—xi, CHEN Ping (23)

The Distillation Separation Process of Ortho—and—Para—Chlorotoluene FAN Zheng—ming, QIU Tao (26)

Solubilities of DDHI in Ethanol and Aqueous Solutions of Ethanol YE Qing, QIU Zhao—rong, WANG Che—li, et al (30)

The Application of ECI in CICS/400 ZHENG Xiao—feng, MA Zheng—hua (33)

The Join Programming Technology of Using Delphi and VC++ Language and Its Application in the Industrial Control Software WANG Hong—yuan, PAN Chao, YANG Xiao—ying, et al (36)

The Industrial Water Processing Control System with PLC HE Bao—xiang, CAI Xiao—qi (40)

The Usage of Hardware RAID MA Zheng—hua, WU Bin, ZHU Zheng—wei (43)

Application of NT Server to the Management of the Computer Laboratory WANG Xia—jun, JIN Yao (46)

A Parallel Iterative Method for Zeros of a Polynomial HUANG Qing—long (49)

A Fast Algorithm of Anti—symmetric Matrix Multiplication WANG Ke, XU Bo (52)

Calculation of the Fractal Dimension of the Lamellar Pearlite on Steel Surface JIANG xing—fang (54)

Analysis of Process and Design of Molds for Bending Thin Walled Rectangulan Tubes with Efficiency XU Bang—jie, ZHU De—fan (57)

Solid Waste Disposals and Environmental Dioxins LI Ding—long, WANG Kai—quan (61)

No. 3

Application of Popular Turbulence Models to Separated Turbulent Boundary Layer Flows	JIANG Lu—lin, GAO Yu—ming (1)
Compliant Mechanisms Design in Design for No Assembly	ZOU Min, ZHU Hai—lin, SHEN Hui—ping, et al (5)
Choice of Method for Planar Mechanism Analysis and Measure Synthesis	HU Ai—ping, SHEN Hui—ping (9)
A Study on the Algorithm of Neural Networks and its Application in a Coal—burning Boiler	XIAO Li—chuan, XUE Guo—xin (13)
Permanence in Four Species Lotka—Volterra System	WO Song—lin, LIU Yu—qing (17)
Preparation of Monochloroacetone in Reactive Distillation Column	ZHANG Yue, YAN Sheng—hu, SHEN Jie—fa (20)
Study on Mechanism for Catalyzed Chlorination of Acetic Acid and Methods for Prohibiting dichlorination	ZHOU Mao—quan, ZHANG Na, YAN Sheng—hu, et al (23)
Building up the Consult System of Property Data in Design of Petroleum Refining Technology	YAO Zhi—yuan, HUANG Rong—rong, ZHANG Jie, et al (26)
The Study of Lignin as Desulfuizer	ZHANG Jing, XU Ge, ZONG Yun—wei (29)
Study on Regeneration Method of Ceramic Micro—filtration Membranes Fouled by Oily Wastewater from Refinery Factory	ZHONG Jing, JIANG Pei—hua, SUN Xiao—juan, et al (32)
Ultralow Sulfur Diesel Oil and Free Sulfur Gasoline	WU Guo—ying, LIN Xi—ping (35)
Heterogeneous Photocatalyst on Semiconductor and its Application to Environmental Protection	SHENG Mei, XU Huai, ZHU Yi—qing (40)
Environmental Problem: The Important Influence on Enterprise Development in the 21 Century	HOU Ju—yuan (44)
On the Lubricated States of Gearing under Different Working Conditions	SUN Jian (47)
Application of STD in Resistance Furnace Temperature Controlling System ...	ZHANG Hua—peng (50)
The Characteristic of Digital Signal Processing (DSP) Chip and Its Application Direction	ZHANG Xiao—ming, MA Zheng—hua (53)
Design and Realization of a Web—based Multimedia Teaching Resource Library	XUE Lei, MA Zheng—hua (56)
Two Supplement Methods for Simplifying the Calculation of Force Method	YU Rui—rong (60)
An Exploration of the Methods for Exhaust Disposal and Anti—slippery Applicable to Dining—halls	WENG Yong—dong, LU Wei—ping, MIAO Ying, et al (62)

No. 4

The Investigation of Growth of Sol—Gel V ₂ O ₅ Films	YUAN Ning—yi, LI Jin—hua, LIN Chen—lu (1)
Study on Facultative Halophiles	LI Er—yang, CHENG Jie—hong, SHI Le—wen, et al (4)

Synthesis of A Modified Cationic Flocculant and its Application in Treatment of the Industrial Wastewater	YAN Wen—yao, QIAN Cen (7)
SBR Process in the Treatment of Wastewater of Carbendazim Pesticide by Degrading Bacteria	CHEN Jie—hong, LI Er—yang (11)
Treatment of Dyeing Wastewater by Polymeric Silicate Q6a and Cation Polymer Flocculant F2	QIU Zhao—rong, PEI Jun—feng, ZHENG Xiao—lin, et al (14)
Treatment and Comprehensive Utilization of Flotation Residue in Refinery	SUN Xiao—juan, ZHONG Jing, JIANG Pei—hua, et al (17)
The Research about Desulfuration Activity of Sulfonic Phthalocyanine Cobalt and Several Promots	LIE Hong—dao, ZHANG Xiao—shun, YUAN Fei (20)
Study of Emulsified Oil Prepared from the Extra Heavy Oil of Shuyi District of Liaohe Oil Field	WANG Shu—hui, ZHAO Suo—qi, SONG Shao—fu, et al (23)
Synthesis of O—Chlorobenzenemethanol	HE Ming—yang, CHEN Qun (27)
CR/SBS/MMA/BA Polybasic Graft Copolymerization and Adhesive Properties of Self—crosslinking Copolymer	ZHANG Dong—liang, GONG Fang—hong, TANG Wei—feng (30)
Study on Mixing Principle and Optimum Combination of the Structure and Operation Parameter by Rotating Double Impeller in Mixing and Granulating Cylinder	TIAN Hua, ZUO Zheng (34)
Technique and Development of Duplex Treatment of Nitriding and Vapor Deposition of Hard Films	XIE Fei (38)
Data Mining Technique and its Application in Fault Diagnosis	WANG Hong—yuan, SHI Gou—dong, FU Yan—wei, et al (42)
An Elimination Method With Decoupling of Leading Terms For Polynomial Set	YANG Ting—Li, HANG Lu—bing, SHEN Hui—ping, et al (45)
Development of the Simulation Training Software for the Aromatic Hydrocarbon Extraction and C ₈ ⁺ Separation Procedure	GU Zhong—ming (50)
Application of Optimization to Synthesis Long Decay Phosphors in the Experiment	SHI Cheng—xian, FU Min (53)
The Existence and Uniqueness of Solutions on a Nonstationary Free Boundary Problem	LIU Yu—qing, WO Song—lin (56)
The Advancement of Wireless Communication Technology	XU Yan (58)
The Application of Method of Phase in Measuring Velocity of Sound	CAO Jian—qing, JIANG Xing—fang (62)

The End Volume 13