

# 四川文理学院学报

---

---

## 目 次

### ● 数学研究

- 实数十进制小数表示中的几个问题探讨 ..... 喻秉钧, 李 丽(7)
- 改进的 tanh 函数法在一类 Fisher 方程中的运用 ..... 庄红波, 张 健, 张斌儒(11)
- 关于指数稳定 \* 一半环的研究 ..... 赵春花, 罗肖强, 郭倩茹(14)
- 一个数值积分公式的推广 ..... 张明会, 高婷婷(17)
- 一类参数曲面的若干性质研究 ..... 苟 格(20)
- $n$  阶方阵高次幂的计算方法 ..... 余跃玉(22)
- 输油管布置的优化模型 ..... 程 丽(25)

### ● 物理学研究

- 钛的相互作用势的构建 ..... 代云雅, 杨 莉, 祖小涛(28)
- 金属中氦缺陷的第一性原理研究 ..... 范开敏, 彭述明, 等(31)
- $^3\text{He}$  的产生对钚氟化物性能影响的第一性原理研究 ..... 陈汝承, 叶立军(34)
- 基于双谱的噪声信号检测 ..... 周伟奇, 王益艳, 伍世云(37)
- BP 神经网络对滑坡稳定性评价的非线性方法 ..... 易 鸿(42)
- 冲激信号在信号分析中的应用 ..... 唐炳华(45)

### ● 化学研究

- 碱性蛋白酶催化的 Henry 反应 ..... 邓 祥, 黄小梅(48)
- CdSe 量子点作探针共振瑞利散射法测定葡聚糖硫酸钠 ..... 刘 丹(51)
- 环境水样中有机污染物前处理方法的研究进展 ..... 唐 婧(55)

## ● 计算机科学研究

- 基于 PPTP 的 VPN 技术研究 ..... 谢大吉(58)  
基于网格的资源语义模型研究 ..... 邓小清(61)  
网络系统可靠性研究现状与展望 ..... 于 贵(64)  
基于 UML 的高校录取信息发布系统分析与设计 ..... 黄仁祥(66)  
计算机基础课网络考试平台设计方案 ..... 钱 前,向 伟(69)

## ● 油气勘探开发研究

- 薄荷台一大榆树地区扶余油层成藏因素与有利油气富集区研究  
..... 石海东,王洪辉,等(72)  
乌尔逊西部断裂构造的控陷特征 ..... 王 欣,李忠权,朱德丰(76)  
宝北三工河组储层沉积特征精细研究及应用 ..... 袁少民(79)  
改进的构造曲率法在伊朗卡山地区 Aran 背斜库姆组裂缝研究中的应用  
..... 吴仕虎,李小刚,等(83)

## ● 经济学研究

- 四川省固定资产投资结构与产业结构的灰色关联分析 ..... 张莉敏(87)  
辽西经济发展中的生态环境问题研究 ..... 杜莲英(90)  
预算参与对组织管理绩效之影响的结构方程分析 ..... 王 浩(93)  
农业生产合作组织发展的国际经验及其启示 ..... 周健生(96)

## ● 地理与旅游研究

- 秦巴地区水资源保护和开发利用研究 ..... 李万斌(99)  
四川省出境旅游市场特征及影响因素分析 ..... 熊明均(105)  
大气环境质量与旅游的交互影响效应分析 ..... 张金凤(109)  
体育赛事旅游影响理论研究 ..... 卢双鹏,陈国柱(112)  
中小型在线旅游企业网络销售渠道的构建 ..... 罗丽娜(116)

本刊所载文章均为作者观点,不代表编委会和编辑部意见

第 21 卷第 2 期(总第 104 期)

2011 年 3 月 10 日出版

● 体育研究

- 重庆高校社会体育专业建设现状及发展对策研究 ..... 张晓林,张林虎(118)
- 川北地区高校开展课余篮球文化活动的现状与分析——以西华师范大学为例  
..... 谢昌雄(122)
- 羌族传统体育发展的困境与突破..... 李 丽(125)
- 高尔夫球场设施与服务、环境、认知态度、参与状况与满意度之研究  
..... 吴克祥,李 佳,付业勤(127)
- 高职院校女生开展“选项制”体育第二课堂的研究 ..... 阮秋容(132)

● 图情与编辑学研究

- 论图书出版中超前意识的培养..... 朱 丹(135)
- 四川高校图书馆网上“书刊荐购”栏目调查及分析 ..... 郭明蓉(137)
- 高校图书馆信息资源优化配置中的效率与公平 ..... 胡馨云,刘晓林(140)
- H 指数评价法学期刊实证研究——基于《中国学术期刊综合引证报告(2008 版)》的数据分析  
..... 周玉芹(142)
- 简论地市晚报的新闻策划..... 王爱民(147)

● 课程与教学研究

- 高等数学在不同学科领域中的应用..... 李 玲(149)
- 性别差异对高中生文理分科影响的统计分析..... 雍 华,刘 浏,冯长焕(152)
- 军事体育教学中实施探究式学习模式的研究..... 易建取(155)
- 提高《信号处理》课程教学效果的方法探索 ..... 陈欣波,周玉荣(158)
- 2010 年人大复印资料系列刊转载收录本刊文章情况 ..... 封二、封三

责任编辑:邓 杰

英文译校:李显文

# SICHUAN UNIVERSITY OF ARTS AND SCIENCE JOURNAL

Vol. 21. No. 2( General Serial No. 104) , Mar. 2011

---

## MAIN CONTENTS

- Several Questions about the Decimal Representation of Real Numbers ..... YU Bing - jun, LI Li(7)
- The Application of Modified Tanh - Method to a Class of Fisher Equation  
..... ZHUANG Hong - bo, ZHANG Jian, ZHANG Bin - ru(11)
- On Stable Index Star Simmering ..... ZHAO Chun - hua, LUO Xiao - qiang, GUO Qian - ru(14)
- Generalization of a Numerical - integration Formula ..... ZHANG Ming - hui, GAO Ting - ting(17)
- Notes on Several Properties with a Kind of Parameter Surface ..... GOU Ge(20)
- On the Calculation of the Higher Power of Rank n Square ..... YU Yue - yu(22)
- Optimality Model about Planning the Oil Pipeline ..... CHENG Li(25)
- Bond - order Potential of Ti ..... DAI Yun - ya, YANG Li, ZU Xiao - tao(28)
- First - principles Study on He Defects in Metals  
..... FAN Kai - min, PENG Shu - ming, LONG Xing - gui, GAO Fei(31)
- Effect of helium production on properties of scandium tritide: First - principles study  
..... CHEN Ru - cheng, YE Li - jun(34)
- Noise Signal Detection Based on Bi - spectrum ..... ZHOU Wei - qi, WANG Yi - yan, WU Shi - yun(37)
- BP Neural Network of Nonlinear Method to Landslide Stability Evaluation ..... YI Hong(42)
- The Application of Impulse Signal in Signal Analysis ..... TANG Bing - hua(45)
- Alkaline Protein Catalyzed Henry Reaction ..... DENG Xiang, HUANG Xiao - mei(48)
- Resonance Rayleigh Scattering Spectral Method for Determination of  
Dextran Sulfate Sodium with CdSe QDs as Probe ..... LIU Dan(51)
- Progress on Sample Pretreatment Methods to Analysis on Organic Pollutants in Environmental Water  
..... TANG Jing(55)
- Researches on VPN Technology Based on PPTP ..... XIE Da - ji(58)
- Research on Grid of Resource Semantic Model ..... DENG Xiao - qing(61)
- An Analysis on Status Quo and Prospects of Network System's Reliability Study ..... YU Gui(64)
- An Analysis and Design of Admission Information Publication System of Universities on the Basis of UML  
..... HUANG Ren - xiang(66)
- Design Programme of Network Test Platform of Basic Computer Course ..... QIAN Qian, XIANG Wei(69)
- Favorable Factors for the Formation and Reservoir of Oil in Fuyu, Bohetai - Dayushu  
..... SHI Hai - dong, WANG Hong - hu, GUO Yan - ping, SHEN Xu - you(72)
- Depression - controlling characteristics of western faults in Urxun sag  
..... WANG Qi, LI ZHONG - quan, ZHU De - feng(76)

Scrutiny Study and Application of Reservoir Deposit Character in Sangonghe, Baobei	···	<i>YUAN Shao - min</i>	(79)
Application of an Improved Tectonic Line Curvature Method to Research of Structural Fracture: A Case Study on Aran Anticline in Kashan Block in Iran	.....	<i>WU Shi - hu, LI Xiao - gang, CHEN Gang, WU Wei - hang, LI Xian - bing</i>	(83)
Grey Relevance Analysis on the Sichuan's Fixed Assets Investment and Industrial Structure	.....	<i>ZHANG Li - min</i>	(87)
A Study on Ecological Environmental Problems in the Process of Liaoxi Economy Development	.....	<i>DU Lian - ying</i>	(90)
Structural Equation Analysis of Influence of Budgetary Participation on Management Performance of Organization	.....	<i>WANG Hao</i>	(93)
International Experience and Enlightenment of Agricultural Production Cooperatives	.....	<i>ZHOU Jian - sheng</i>	(96)
A Study on Water Resources Protection and Utilization in Qinba Area	.....	<i>LI Wan - bin</i>	(99)
Features of Outbound Tourist Market and Its Influential Factors in Sichuan	.....	<i>XIONG Ming - jun</i>	(105)
An Analysis on Effect of Interaction between Air Quality and Tourism	.....	<i>ZHANG Jin - feng</i>	(109)
A Theoretical Study on the Impacts of Sports Events Tourism	.....	<i>LU Shuang - peng, CHEN Guo - zhu</i>	(112)
Construction of Network Sale Channels from Middle - mini Online Tourism Firms	.....	<i>LUO Li - na</i>	(116)
Countermeasures for Social Sports Professional Construction of Universities in Chongqing	.....	<i>ZHANG Xiao - lin, ZHANG Lin - hu</i>	(118)
Basketball Cultural Activities in Universities from Sichuan in Spare Time: A Case Study of China West Normal University	.....	<i>XIE Chang - xiong</i>	(122)
A Study on the Causes and Countermeasures of Traditional Physical Exercise Development in Qiang Ethnic Group	.....	<i>LI Li</i>	(125)
A Study on the Satisfaction Correlation to Golf Facilities & Service, Environment, Attitudes and Participation	.....	<i>WU Ke - xiang, LI Jia, FU Ye - qin</i>	(127)
A Study on Girls' Second Sports Class of Optional System in Vocational Colleges	.....	<i>RUAN Qiu - rong</i>	(132)
On the Cultivation of Lead Consciousnesses in Book Publishing	.....	<i>ZHU Dan</i>	(135)
Investigation and Analysis about "Publications Recommendation" of Columns on Network	.....	<i>GUO Ming - rong</i>	(137)
Efficiency and Equity in the Information Resource Disposition of Universities' Libraries	.....	<i>HU Xin - yun, LIU Xiao - lin</i>	(140)
Empirical Study of H - index Used in Law Journals: An Analysis on the data of "Chinese Academic Journal Comprehensive Citation Report (2008 edition)"	.....	<i>ZHOU Yu - qin</i>	(142)
A Brief Discussion on the Scheme for the Middle Cities' Evening Newspaper	.....	<i>WANG Ai - min</i>	(147)
The Application of Advanced Mathematics in Different Disciplines	.....	<i>LI Ling</i>	(149)
Impacts from Gender Difference on High School Students' Arts and Science Division	.....	<i>YONG Hua, LIU Liu, FENG Chang - huan</i>	(152)
Discussing on Application of the Inquiry Teaching Model in Military Sports Teaching	.....	<i>YI Jian - qu</i>	(155)
The Methods of Improving Teaching Quality in Digital Signal Processing	.....	<i>CHEN Xin - bo, ZHOU Yu - rong</i>	(158)

Translator: *LI Xian - wen*