

ISSN 1001-4616

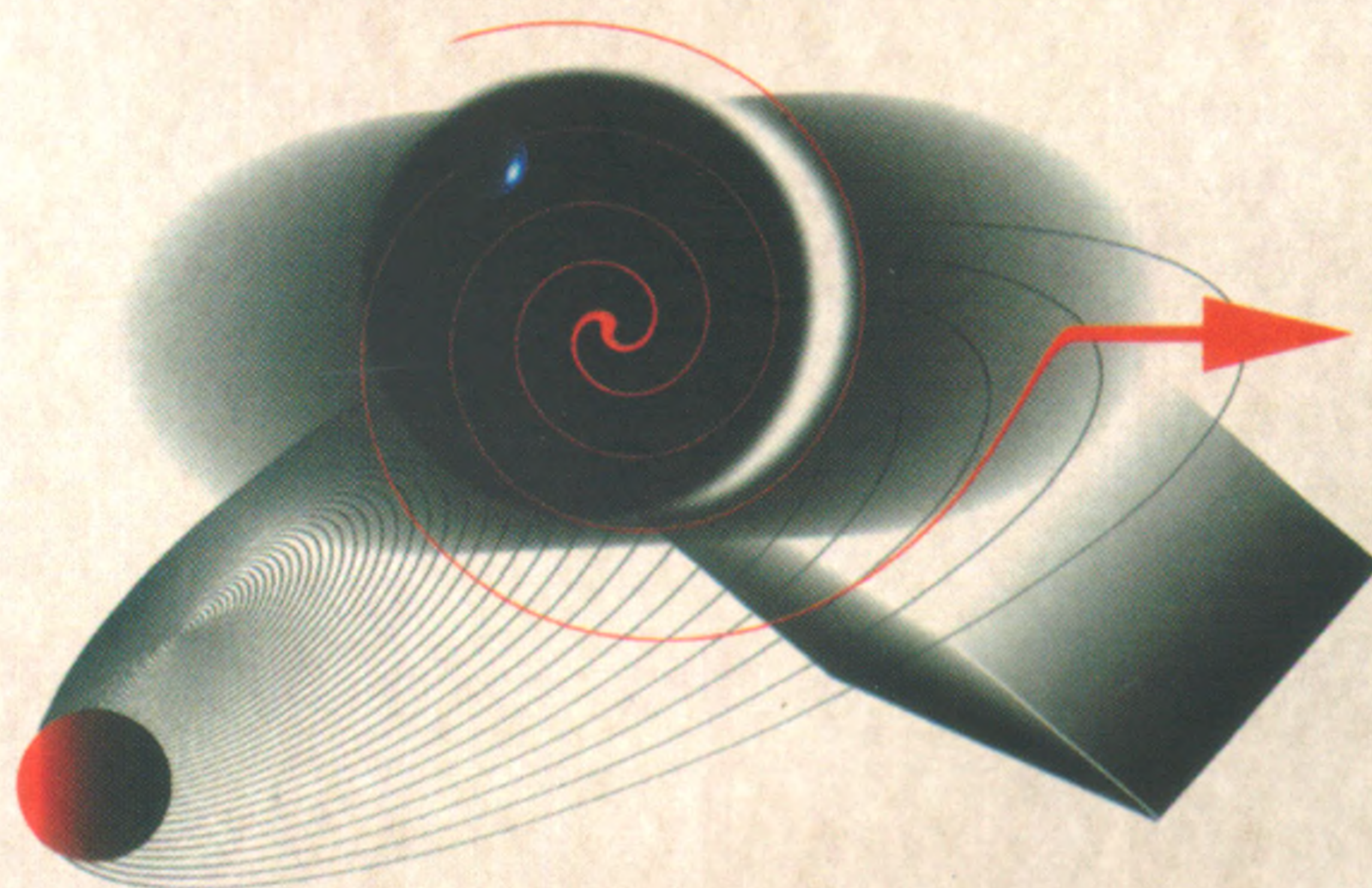
CODEN NSXZEN

南京师大学报

JOURNAL OF NANJING NORMAL UNIVERSITY

自然科学版

NATURAL SCIENCE EDITION



中文综合性科学技术类核心期刊
中国高校优秀科技期刊
江苏省期刊方阵优秀期刊

第35卷 | 2012 | **2**

南京师大学报

(自然科学版)

第35卷 第2期(总第130期)

2012年6月

目次

· 数学 ·

- 次范整线性空间上的可加奇性算子空间 方锦暄,李 晗 (1)
- 伯克霍夫平均的压谱(英文) 王琛玮,黄 萍 (8)
- 两类三次微分系统的中心焦点问题..... 桑 波 (16)
- 和集与给定序列相交问题 吴建东,杨全会 (22)
- 一类 Schrödinger 方程的反问题及其变分同化方法 张 瑰,张 梅,方涵先,刘希强 (24)
- 渐近正线性 Duffing 方程的非平凡解 王卫勤 (29)

· 物理学 ·

- 离体猪肝组织电阻抗的温度特性研究 陈轩泽,马青玉,杨 玲,张 凤 (32)
- 第一性原理研究 $Gd_{1-x}Ho_xMnO_3$ 的电子结构和磁学性质(英文) 朱兴凤,王亚成 (39)
- 局部横向压力下光纤布拉格光栅的偏振相关损耗特性研究..... 刘晓雪,汪弋平,黄晓琴 (45)
- 多势垒结构共振透射系数的计算 骆 敏,杨双波 (50)

· 化学 ·

- 气-固流化床光催化再生活性炭的研究 任建坤,陈 乐,石 倩,王玉萍,彭盘英 (56)
- 5,5-二甲基-5,6,7,8,9,10-六氢蒽二酚二乙酸酯的合成研究 罗金岳,高飞飞,海 维 (61)
- 聚(3,4-乙炔基二氧噻吩)/碳纳米管复合膜修饰电极的电化学制备及其用于8-羟基-2'-脱氧鸟嘌呤核苷

的检测..... 潘吉超,姚 飞,任腾飞,贾丽萍,贾文丽,崔 慧,王怀生 (66)

Pt₂O⁺ 催化 N₂O + CO 反应的理论研究 郑建辉,王 成,朱小蕾 (72)

· 生命科学 ·

中华绒螯蟹螺原体对中华绒螯蟹和 RAW264.7 细胞免疫反应研究

..... 孟庆国,黄艳青,靳明建,顾 伟,王 文 (77)

茎-环 RT-PCR 法定量 miRNA-421 的引物设计 赵 丽,杨 洋,温传俊 (83)

苦瓜基因组 DNA 提取方法的比较研究 纪 元,侯北伟,罗玉明 (89)

气相色谱法测定磺胺多辛中的冰醋酸和 N,N-二甲基甲酰胺残留

..... 井 玥,王 刚,张爱莲,盛晓玲,龚祝南 (93)

大竹蛭表型性状通径和回归分析 吴杨平,陈爱华,姚国兴,张志伟 (97)

海南琼海汉族 4 项人类群体遗传学指标的研究

..... 张兴华,郑连斌,包金萍,王志博,武亚文,宋瑾兰,闫春燕,龚 忱 (103)

· 地理学 ·

5 万年以来扬中段长江古河谷的沉积演变特征 李彦彦,王 建,曹光杰 (108)

滩涂围垦养殖的生态损益分析——以江苏条子泥滩涂围垦养殖为例 王 静,徐 敏,张益民 (113)

基于 RS 和 GIS 的滇池流域水土流失动态监测 刘会玉,王 充,林振山,杨 浩 (120)

南京市环城旅游景区类型及其空间结构特征分析 徐 菁,黄震方,靳 诚 (125)

· 体育学 ·

江苏省残疾人竞技体育率先发展的路径研究..... 孙红梅,赵西英 (131)

我国男子百米训练理论创新趋势研究——以博尔特为例..... 朱泉池,陶 于 (136)

[期刊基本参数] CN 32-1239/N * 1955 * q * A4 * 144 * zh + en * P * ¥8.00 * 1150 * 26 * 2012-06

主编:陈凌孚;副主编:陆炳新(常务),孙德泉;执行编辑:丁 蓉

公开发行

JOURNAL OF NANJING NORMAL UNIVERSITY

(Natural Science Edition)

Vol. 35 No. 2 (Sum. 130)

June, 2012

CONTENTS

- Spaces of Additive Odd Operators on Sub-Normed Z -Spaces Fang Jinxuan, Li Han (1)
- Pressure Spectrum for Birkhoff Averages Wang Chenwei, Huang Ping (8)
- The Center-Focus Problems for Two Classes of Cubic Systems Sang Bo (16)
- Sumsets Intersecting a Sequence Wu Jiandong, Yang Quanhui (22)
- The Variational Assimilation Method of Inverse Problem for a Class of Schrödinger Equations
..... Zhang Gui, Zhang Mei, Fang Hanxian, Liu Xiqiang (24)
- Nontrivial Solutions for Asymptotically Positive Linear Duffing Equations Wang Weiqin (29)
- Temperature Dependent Electrical Impedance Characteristics for Porcine Liver in Vitro
..... Chen Xuanze, Ma Qingyu, Yang Ling, Zhang Feng (32)
- First Principles Study of Electronic and Magnetic Properties of $Gd_{1-x}Ho_xMnO_3$ Zhu Xingfeng, Wang Yaxu (39)
- Study on Polarization-Dependent Loss Spectral Properties of Locally Pressed Fiber Bragg Grating
..... Liu Xiaoxue, Wang Yiping, Huang Xiaoqin (45)
- Calculation of Resonant Transmission Coefficient for Multi-Barrier Structure Luo Min, Yang Shuangbo (50)
- Photocatalytic Regeneration of Exhausted Activated Carbon With Gas-Solid Fluidized-Bed Reactor
..... Ren Jiankun, Chen Le, Shi Qian, Wang Yuping, Peng Panying (56)
- Synthesis of 5,5-Dimethyl-5,6,7,8,9,10-Hexahydroanthracene-1,4-Diyl diacetate Luo Jinyue, Gao Feifei, Hai Wei (61)
- Electrochemical Preparation of Poly(3,4-Ethylenedioxythiophene)/Carbon Nanotubes Composite Film Modified Electrode and
Its Application to Determination of 8-Hydroxy-2'-Deoxyguanosine
..... Pan Jichao, Yao Fei, Ren Tengfei, Jia Liping, Jia Wenli, Cui Hui, Wang Huaisheng (66)
- Theoretical Investigation on Reaction of N_2O and CO Catalyzed by Pt_2O^+ Zheng Jianhui, Wang Cheng, Zhu Xiaolei (72)
- The Immune Responses in Chinese Mitten Crab *Eriocheir Sinensis* and RAW264.7 Cell Line Challenged With *Spiroplasma Eriocheiris*
..... Meng Qingguo, Huang Yanqing, Jin Mingjian, Gu Wei, Wang Wen (77)
- Stem-Loop Real-Time Quantitative PCR for Quantification of miRNA-421 by Specific Primers
..... Zhao Li, Yang Yang, Wen Chuanjun (83)
- Comparison of DNA Extraction Methods From Leaves of *Momordica Charantia* (Cucurbitaceae)
..... Ji Yuan, Hou Beiwei, Luo Yuming (89)
- Determination of Residual Acetic Acid and N,N -Dimethylformamide in Sulfadoxine by Capillary Gas Chromatography
..... Jing Yue, Wang Gang, Zhang Ailian, Sheng Xiaoling, Gong Zhunan (93)
- Path and Regression Analysis of the Phenotypic Characters of *Solen Grandis*
..... Wu Yangping, Chen Aihua, Yao Guoxing, Zhang Zhiwei (97)
- Study on 4 Human Population Genetic Characters of Han of Qionghai in Hainan
..... Zhang Xinghua, Zheng Lianbin, Bao Jinping, Wang Zhibo, Wu Yawen, Song Guanlan, Yan Chunyan, Gong Chen (103)
- Sedimentary Evolution Characteristics of the Yangtze River at Yangzhong Section During the Last 50 000 Years
..... Li Yanyan, Wang Jian, Cao Guangjie (108)
- Ecological Profit and Loss Analysis of Tidal Flat Reclamation—Tidal Flat Reclamation of Tiaozini Sand as a Case Study
..... Wang Jing, Xu Min, Zhang Yimin (113)
- Dynamical Monitoring of Water Loss and Soil Erosion in Dianchi Lake Basin Based on RS and GIS
..... Liu Huiyu, Wang Chong, Lin Zhenshan, Yang Hao (120)
- Analysis on the Types and Special Structure of Scenic Spots Around the City in Nanjing
..... Xu Jing, Huang Zhenfang, Jin Cheng (125)
- The Route Study of Initiative Development on the Paralyzed Competitive Sports in Jiangsu Province
..... Sun Hongmei, Zhao Xiyong (131)
- Innovative Trend of the Men's 100m Training Theory in China—A Case Study on Bolt Zhu Quanchi, Tao Yu (136)

Chief Editor: Chen Lingfu, Deputy Chief Editors: Lu Bingxin, Sun Dequan, Executive Editor: Ding Rong