

目 次

基础科学研究

- 一类非线性混合分数阶微分方程系统解的稳定性 葛月英, 葛琦 (01)
- 逐步 II 型截尾步进应力部分加速寿命试验的统计推断 何剑, 蔡静, 徐开丽, 韩荣, 何飞 (13)
- 一类带 Hardy 项的 p -Laplace 方程正解的先验估计 闫慧敏, 谢君辉 (23)
- 离散切换正时变时滞系统的有限时间稳定与 l_1 滤波 路俊影, 刘婷婷, 安夏伶 (31)
- 行为 m -NA 随机变量阵列的完全收敛性 林德贵 (39)
- 受媒体信息影响的一类随机传染病模型的研究 陈丽君 (43)
- 基于增益腔的腔磁力混合系统中的光放大和快慢光传播 丛龙江, 刘洪雨 (55)

应用科学研究

- 一种带参数的二次 Bezier 曲线的连续条件 孙明灿, 师晶 (63)
- 连续型向上敲出巴黎期权定价三层线性化差分格式及其收敛性分析 季尤飞, 张亦然, 金元峰 (70)
- Boussinesq 方程的精确行波解 杨忠鑫, 刘小华 (76)
- Sawada-Kotera 方程的精确行波解 杨春飞, 刘小华 (81)
- 平面星体的一类 Green-Osher 不等式 袁名扬, 张德燕 (87)
- 基于让步博弈方法的中美贸易关税的动态博弈分析 潘素娟, 李时银 (92)

CONTENTS

The stability of solutions for a class of nonlinear mixed fractional differential equations	Ge Yueying, Ge Qi (01)
Statistical inference of progressive type II censored under step-stress partial accelerated life test	HE Jian, CAI Jing, XU Kaili, HAN Rong, HE Fei (13)
A priori estimates of positive solutions for a class of p -Laplace equations with Hardy term	Yan Huimin, Xie Junhui (23)
Finite-time stability and l_1 filtering of discrete switched positive systems with time-varying delay	Lu Junying, Liu Tingting, An Xialing (31)
Complete convergence for arrays of rowwise m -NA random variables	Lin Degui (39)
Research on a stochastic epidemic model influenced by media information	Chen Lijun (43)
Light amplification and fast-slow light propagation in a gain-cavity based cavity magnomechanical hybrid system	Cong Longjiang, Liu Hongyu (55)
Continuity conditions for a class of quadratic Bezier curve with parameters	SUN Mingcan, SHI Jing (63)
A linear three-level difference scheme and Its convergence analysis for continuous Up-and-Out Paris Option Pricing	JI Youfei, ZHANG Yiran, JIN Yuanfeng (70)
Exact traveling wave solution of the Boussinesq equation	YANG Zhongxin, LIU Xiaohua (76)
The exact traveling wave solution of Sawada-Kotera equation	YANG Chunfei, Liu Xiaohua (81)
A class of Green-Osher inequality for planar star bodies	YUAN Mingyang, ZHANG Deyan (87)
Dynamic game analysis of China-US trade tariffs based on concession game method	PAN Sujuan, LI Shiyin (92)