

ISSN: 1000-4424

CODEN GYSXEP

中国工业与应用数学学会会刊

高校应用数学学报

APPLIED
MATHEMATICS
A JOURNAL
OF CHINESE
UNIVERSITIES



第 28 卷 第 1 期

2013

目 次

基于混合Copula的CDO定价模型.....	陈剑利 刘震 鲍群芳 李胜宏(1)
奈特不确定下资产收益率发生紊乱的最优投资策略	李娟 费为银 石学芹 李钰(13)
长程相依过程关于矩完全收敛的精确渐近性质	李云霞(23)
NOD随机变量序列加权和的矩完全收敛性	郭明乐 张杨杨 祝东进(34)
一类高阶齐次微分方程解与其小函数的增长性	金瑾(43)
一类具有时滞和阶段结构的捕食者-食饵系统的全局稳定性	王玲书(51)
离散位势KdV方程的多维相容性	贾晓静 蓝师义(63)
给定最大度的单圈偶图的谱半径	尹连伟 郭曙光(72)
Grannell-Griggs-Murphy定理的改进	丁士锋(81)
关于多极点的 k -格林函数	万东睿 康倩倩(86)
极大函数交换子在广义Morrey空间的估计	樊云 贾厚玉(96)
基于积极集技术求解无约束极大极小问题的摄动SQP方法	简金宝 石露 唐春明(107)
带移动奇异源热方程的移动网格方法	胡志成 王何宇(115)

期刊基本参数: CN33-1110/O*1986*q*16*128*zh*P* ¥25.00*550*13*2013-03

Contents

CDO pricing model based on the mixture copula	..... CHEN Jian-li LIU Zhen BAO Qun-fang LI Sheng-hong(1)
Optimal trading strategy under disordered asset return and Knightian uncertainty	..... LI Juan FEI Wei-yin SHI Xue-qin LI Yu(13)
Precise asymptotics for complete moment convergence of long memory processes	..... LI Yun-xia(23)
Complete moment convergence for weighted sums of sequences of NOD random variables	..... GUO Ming-le ZHANG Yang-yang ZHU Dong-jin(34)
Relations between solutions of a class of higher order homogeneous differential equations with functions of small growth	..... JIN Jin(43)
Global stability of a predator-prey system with time delay and stage structure	..... WANG Ling-shu(51)
Multi-dimendional consistency of discrete potential KdV equations	..... JIA Xiao-jing LAN Shi-yi(63)
On the spectral radii of unicyclic bipartite graphs with fixed maximum degree	..... YIN Lian-wei GUO Shu-guang(72)
An improvement of Grannell-Griggs-Murphy's theorem	..... DING Shi-feng(81)
k -Green functions with several poles	..... WAN Dong-rui KANG Qian-qian(86)
Boundedness on general Morrey space of the commutators generated by maximal function	..... FAN Yun JIA Hou-yu(96)
Perturbed SQP method with active set technology for unconstrained minimax problems	..... JIAN Jin-bao SHI Lu TANG Chun-ming(107)
A moving mesh method for heat equation with traveling singular sources	..... HU Zhi-cheng WANG He-yu(115)