

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 27 卷 第 3 期

2012

万方数据

目 次

永久美式期权定价的有限体积元方法 孙玉东 师义民 董 艳(253)

指数分布场合系统应力强度模型可靠度的统计推断 王炳兴(265)

重尾扰动下近非平稳自回归模型的Bootstrap推断 傅可昂 李 杰 黄 炜(274)

对流扩散方程的时空间断有限元方法 李臻臻 李 宏(283)

抛物方程的非协调类Wilson元超收敛性分析和外推 马国锋 石东洋(293)

不可压缩流动问题混合Galerkin型方法稳定性的数值研究 王晓东 欧阳洁(303)

一类矩阵方程异类约束解与Ls解的迭代算法 李书连 张凯院 刘晓敏(313)

稠油开采数值模拟研究 梁 涛 赵 喆 耿长波 闫 伟(325)

模糊推理的基本理论 裴道武(340)

一类修正的Durrmeyer型 q -Baskakov算子的统计收敛性质 蔡清波(351)

具有避难所的非自治两种群捕食者-食饵系统捕食者种群绝灭性研究
..... 吴玉敏 陈凤德 马兆芝(359)

一类高阶线性微分方程解的增长性 彭 锋 陈锦丽 陈宗焯(366)

关于弱拟第一可数空间的注记 刘来山(375)

期刊基本参数: CN33-1110/O*1986*q*16*128*zh*P* ¥25.00*550*13*2012-09

Contents

A finite volume element method for perpetual American option
..... SUN Yu-dong SHI Yi-min DONG Yan(253)

Statistical inference for reliability of system stress-strength model
under exponential distribution WANG Bing-xing(265)

Bootstrap inference for nearly nonstationary autoregressive models
with heavy-tailed innovations FU Ke-ang LI Jie HUANG Wei(274)

Space-time discontinuous Galerkin method for advection-diffusion problems
..... LI Zhen-zhen LI Hong(283)

Superconvergence analysis and extrapolation of nonconforming quasi-Wilson element
for parabolic equations MA Guo-feng SHI Dong-yang(293)

Numerical study on the stability of the mixed Galerkin type methods
for incompressible flow problems..... WANG Xiao-dong OUYANG Jie(303)

An iterative method for different constrained solution and different constrained least square
solution of linear matrix equation
..... LI Shu-lian ZHANG Kai-yuan LIU Xiao-min(313)

Research of heavy oil production numerical simulation
..... LIANG Tao ZHAO Zhe GENG Chang-bo YAN Wei(325)

Theory of fuzzy reasoning PEI Dao-wu(340)

Statistical approximation properties of the modification of Durrmeyer type
 q -Baskakov operators CAI Qing-bo(351)

Extinction of predator species in a nonautonomous predator-prey system
incorporating prey refuge..... WU Yu-min CHEN Feng-de MA Zhao-zhi(359)

On the hyper-order of solutions of some higher order linear differential equations
..... PENG Feng CHEN Jin-li CHEN Zong-xuan(366)

Remarks on weak-bases LIU Lai-shan(375)