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Ljung-Box 检验及其改进方法的比较研究**Comparative Study of Ljung-Box Test and Its Improved Methods**

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双圈图的零强迫数与一般位置数**Zero Forcing Number and General Position Number in Bicyclic Graphs**

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浅水波方程组的熵稳定有限体积格式**Entropy Stable Finite Volume Scheme for Shallow Water Equations**

刘仁迪, 赵晓旭, 钱守国, 李刚..... 1908

常维码的多重构造方法的新改进**New Improvements of Multilevel Construction for Constant Dimension Codes**

李可, 吴温萱, 郭芝燕, 杜雨轩..... 1927

基于双权重反馈策略恢复耦合系统的振荡动力学**Recovery of Oscillatory Dynamics of Coupled Systems Based on Double Weight Feedback Strategy**

史东鑫, 李兴瑞, 单美华..... 1940

基于格子 Boltzmann 方法的顶盖驱动流数值模拟**Numerical Simulation of Overhead-Driven Flow Based on the Lattice Boltzmann Method**

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几类重图的阶为 4 的图对分解**Multidecompositions of Several Multigraphs for Graph-Pair of Order 4**

赵依凡, 杨卫华..... 1964

基于贝叶斯网络的梅雨季节降水诊断分析**Diagnostic Analysis of Precipitation in Plum Rain Season Based on Bayesian Network**

黄梦婷, 杨卫华..... 1971

四阶特征值问题基于降阶格式的一种有效的 Legendre-Galerkin 逼近**An Efficient Legendre-Galerkin Approximation Based on Reduced Order Scheme for Fourth Order Eigenvalue Problems**

魏涛..... 1981

我国新能源汽车销量的长短期预测研究**Research on Long-Term and Short-Term Forecasting of New Energy Vehicle Sales in China**

袁铮, 谭琦..... 1989

无源定位

Passive Location

张晓琪, 高佳楠, 徐子凯..... 2006

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