CONTENTS

Articles:

Andrey Andreev, Milena Racheva: Two-sided bounds of eigenvalues of second- and fourth-order elliptic operators
Kristian Sabo, Rudolf Scitovski: Interpretation and optimization of the k-means algorithm
Mokhtar Hafayed, Petr Veverka, Syed Abbas: On near-optimal necessary and sufficient conditions for forward-backward stochastic systems with jumps, with applications to finance
Kamel Al-Khaled: Existence of solutions to nonlinear advection-diffusion equation applied to Burgers' equation using Sinc methods
Tuan Nguyen Huy: On an initial inverse problem in nonlinear heat equation associated with time-dependent coefficient
Yongfeng Wu, Guangjun Shen: On convergence for sequences of pairwise negatively quadrant dependent random variables