

CONTENTS

Forward to the Special Topic on “Solving Differential Equations with Deep Learning” ..... YAN Zhenya ( 389 )

A Deep Learning Method for Computing Eigenvalues of the Fractional Schrödinger Operator ..... GUO Yixiao MING Pingbing ( 391 )

NSNO: Neumann Series Neural Operator for Solving Helmholtz Equations in Inhomogeneous Medium ..... CHEN Fukai LIU Ziyang LIN Guochang CHEN Junqing SHI Zuoqiang ( 413 )

Structure-Preserving Recurrent Neural Networks for a Class of Birkhoffian Systems ..... XIAO Shanshan CHEN Mengyi ZHANG Ruili TANG Yifa ( 441 )

Number of Solitons Emerged in the Initial Profile of Shallow Water Using Convolutional Neural Networks ..... WANG Zhen CUI Shikun ( 463 )

A New Method for Solving Nonlinear Partial Differential Equations Based on Liquid Time-Constant Networks ..... SUN Jiuyun DONG Huanhe FANG Yong ( 480 )

Pre-Training Physics-Informed Neural Network with Mixed Sampling and Its Application in High-Dimensional Systems ..... LIU Haiyi ZHANG Yabin WANG Lei ( 494 )

Parallel Physics-Informed Neural Networks Method with Regularization Strategies for the Forward-Inverse Problems of the Variable Coefficient Modified KdV Equation ..... ZHOU Huijuan ( 511 )

Physics-Informed Neural Networks with Two Weighted Loss Function Methods for Interactions of Two-Dimensional Oceanic Internal Solitary Waves ..... SUN Junchao CHEN Yong TANG Xiaoyan ( 545 )

Rational Solutions of First Order Algebraic Ordinary Differential Equations ..... FENG Shuang SHEN Liyong ( 567 )

Three-Rigid-Body-Particle Modeling and Optimization of Trajectory and Posture for Alpine Skiing ..... ZHANG Yijia FEI Qing YAO Xiaolan SUN Jian ZHANG Yanjun CHEN Zhen ( 581 )

Distributed Least Squares Algorithm of Continuous-Time Stochastic Regression Model Based on Sampled Data ..... ZHU Xinghua GAN Die LIU Zhixin ( 609 )

Robust Feedback Set Stabilization of Logic Networks with State-Dependent Uncertain Switching and Control Constraints ..... DAI Chaoqun GUO Yuqian GUI Weihua ( 629 )

Understanding Human and Machine Interaction from Decision Perspective: An Empirical Study Based on the Game of Go ..... ZHAO Ping LI Xuerong WANG Shouyang ( 647 )

Price Masking Strategy of Cross-Border E-Commerce Platform Financing ..... LI Jianbin HANG Zhouxin CHEN Zhiyuan XIAO Shan ( 668 )

Covariate-Assisted Matrix Completion with Multiple Structural Breaks ..... MENG Jing FENG Long ZOU Changliang WANG Zhaojun ( 692 )

Product Form Solution of a Queuing-Inventory System with Lost Sales and Server Vacation ..... YUE Dequan ZHANG Yuying XU Xiuli YUE Wuyi ( 729 )

Exploring Long-Memory Process in the Prediction of Interval-Valued Financial Time Series and Its Application ..... SHEN Tingting TAO Zhifu CHEN Huayou ( 759 )

The Inherent Law of the Unpredictability of Financial Asset Price Fluctuations: Multistability and Chaos ..... GU Enguo ( 776 )

Non-Convex Optimization of Resource Allocation in Fog Computing Using Successive Approximation ..... LI Shiyong LIU Huan LI Wenzhe SUN Wei ( 805 )

Construction of Optimal Mixed-Level Uniform Designs ..... CHATTERJEE Kashinath LIU Min-Qian QIN Hong YANG Liuqing ( 841 )

Partial Linear Model Averaging Prediction for Longitudinal Data ..... LI Na FEI Yu ZHANG Xinyu ( 863 )

Weighted Probability Density Estimator with Updated Bandwidths ..... WU Yi YU Wei WANG Xuejun PRAKASA RAO B L S ( 886 )