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   Nota di contenuto   -- Models for intelligent management telecommunications into transport logistics of data economy. -- Comparison of Algorithms for Estimating the AUVs Coordinates and Heading Angle in the Task of Approaching the Stationary Landing Platform. -- QuadTree-Based Graph Convolutional Networks for Small Object Segmentation. -- Possibilities for increasing the accuracy of neural network approximation of nonlinear functions for control problems. -- Training Neural Networks on Color-Space Reduced Images and Using Wavelet Transforms to Reduce Training Losses. -- Application of Machine Learning for Twin Rotor MIMO System Identification. -- Stochastic Analysis of a Perishable Inventory System with Production, Retrial and Varying Service Rates. -- Multicriteria optimization of the robot's

territory processing trajectory. -- Diagnostics of systems with arbitrary relative degree and immeasurable input. -- Models of Information Application for Activity. -- Development of software and algorithmic support for the navigation function in terms of controlling the executive systems of the Small and Medium Capacity aircraft at the stage of movement along the airfield. -- AutoML platform for creating automatic monitoring systems. -- Digital Signatures in Constrained Environments: A Comparative Security and Performance Analysis of RSA, ECDSA, and EdDSA. -- Support for Decision-Making in Assigning Code Reviewers. -- Optimization of N-policy in a k-out-of-n Reliability System with Unreliable Server Extending Service to External Customers. -- On Optimisation of Control Actions to Inhibit a Viral Infection Spreading According to the SEIR Model. -- Sensorless control algorithm for synchronous motors with xed-time state observer. -- A technique of distributed optimization problem solving for dynamic computing environments. -- Machine learning methods for deadline missing prediction using national project checkpoint data. -- Improving Safety in Collaborative Robotic Systems through Multimodal Emotion Recognition. -- Fast Gradient Sign Method Attack on Machine Learning Model in Time Series Analysis of Autonomous Underwater Vehicles. -- Intelligent Decision Support System for Online Teachers in Controlling Quality of Ful llment of Free Response Assignments Based on Educational Data Mining. -- The algorithm of gradient movement towards the target by the method of functional voxel modeling. -- Curve restoration for a window- ltered trajectory.

Sommario/riassunto	The three-volume set CCIS 2603, 2604 and 2605 constitutes the refereed proceedings of the 16th International Conference on Intelligent Systems, INTELS 2024, held in Moscow, Russia, during December 2–4, 2024. The 72 papers included in these proceedings were carefully reviewed and selected from 140 submissions. They focus on areas of intelligent systems and artificial intelligence and their application to sustainable development and new challenges to the society.