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Nota di contenuto	Intro -- Preface -- Organization -- Contents -- Implementation of the Thematic Text Analysis Algorithm Using Machine Learning -- 1 Introduction -- 2 Methods -- 3 Results -- 4 Discussion -- 5 Conclusion -- References -- Development of a Mathematical Model of Sequential Arrangement of a Group of Wagons Along Station Tracks -- 1 Introduction -- 2 Materials and Methods -- 3 Results and Discussion -- 4 Conclusion -- References -- A Bert Model with Deep Learning Approach in Natural Language Processing (NLP) -- 1 Introduction -- 2 Methodology -- 2.1 Datasets -- 2.2 Preprocessing -- 2.3 Feature Extraction -- 2.4 Classifiers -- 3 Results -- 4 Discussions -- 5 Conclusions -- References -- Application of Outline Methods for Image Processing -- 1 Introduction -- 2 Emphasizing the Contours of Images -- 3 Conclusion -- References -- Structure of a Pragmatically-Oriented Model of an Agglutinative Natural Language Exemplified with Tatar -- 1 Introduction -- 2 Decentralized NL Model -- 3 Semiotic Models of Lexical and Grammatical Means of NLs -- 4 Software-Algorithmic Content of NL Modelling Systems --

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3.1 Evaluation of Lightweight Ciphers in Terms of Cost.

Sommario/riassunto

This book presents the proceedings of the 12th World Conference "Intelligent systems for industrial automation", WCIS-2022 held in Tashkent, Uzbekistan, on November 25-26, 2022. It includes contributions from diverse areas of intelligent industrial systems design, intelligent information systems, decision making under imperfect information and others. The topics of the papers include hybrid control systems, pattern recognition, industry 4.0, information security, neural computing, fuzzy computation, decision making and support systems, and others.