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| Nota di contenuto | AI Ethics – Law -- The Ethos of Artificial Intelligence as a Legal Personality in a Globalized Space: Examining the Need to Overhaul the Post-Liberal Order -- Trustworthy AI Needs Unbiased Dictators! -- AI Constraints -- An Introduction of FD-Complete Constraints -- Backward-Forward Sequence Generative Network for Multiple Lexical Constraints -- Deep Learning - LSTM -- Deep Echo State Networks in Industrial Applications -- Deepbots: A Webots-based Deep Reinforcement Learning Framework for Robotics -- Innovative Deep |

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Introducing an edge-native deep learning platform for exergames --
Investigating the problem of cryptocurrency price prediction - A deep
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Architecture Search -- Using Multimodal Contextual Process
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Exchange Principle via Lattice Operations on (S,N) - Implications --
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and Answering -- Hong Kong Protests: Using Natural Language
Processing for Fake News Detection on Twitter -- On the Learnability of
Concepts With Applications to Comparing Word Embedding Algorithms
-- Towards fashion recommendation: An AI system for clothing data
retrieval and analysis -- Greek Lyrics Generation.

Sommario/riassunto

This 2 volume-set of IFIP AICT 583 and 584 constitutes the refereed proceedings of the 16th IFIP WG 12.5 International Conference on Artificial Intelligence Applications and Innovations, AIAI 2020, held in Neos Marmaras, Greece, in June 2020.* The 70 full papers and 5 short papers presented were carefully reviewed and selected from 149 submissions. They cover a broad range of topics related to technical, legal, and ethical aspects of artificial intelligence systems and their applications and are organized in the following sections: Part I: classification; clustering - unsupervised learning -analytics; image processing; learning algorithms; neural network modeling; object tracking - object detection systems; ontologies - AI; and sentiment analysis - recommender systems. Part II: AI ethics - law; AI constraints; deep learning - LSTM; fuzzy algebra - fuzzy systems; machine learning; medical - health systems; and natural language. *The conference was held virtually due to the COVID-19 pandemic.
