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Soggetti	Artificial intelligence Software engineering Computer communication systems Algorithms Application software Natural language processing (Computer science) Artificial Intelligence Software Engineering/Programming and Operating Systems Computer Communication Networks Algorithm Analysis and Problem Complexity Information Systems Applications (incl. Internet) Natural Language Processing (NLP)
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Nota di contenuto	Constraints, planning, and optimization -- Data mining and machine learning -- Sensors, signal processing, and data fusion -- Recommender systems -- Decision support systems -- Knowledge representation and reasoning -- Navigation, control, and autonome agents -- Sentiment analysis and social media -- Games, computer vision, and animation -- Uncertainty management -- Graphical models: from theory to applications -- Anomaly detection -- Agronomy and

artificial intelligence -- Applications of argumentation -- Intelligent systems in healthcare and mhealth for health outcomes -- Innovative applications of textual analysis based on AI.

Sommario/riassunto

The two-volume set LNCS 10350 and 10351 constitutes the thoroughly refereed proceedings of the 30th International Conference on Industrial, Engineering and Other Applications of Applied Intelligent Systems, IEA/AIE 2017, held in Arras, France, in June 2017. The 70 revised full papers presented together with 45 short papers and 3 invited talks were carefully reviewed and selected from 180 submissions. They are organized in topical sections: constraints, planning, and optimization; data mining and machine learning; sensors, signal processing, and data fusion; recommender systems; decision support systems; knowledge representation and reasoning; navigation, control, and autonome agents; sentiment analysis and social media; games, computer vision; and animation; uncertainty management; graphical models: from theory to applications; anomaly detection; agronomy and artificial intelligence; applications of argumentation; intelligent systems in healthcare and mhealth for health outcomes; and innovative applications of textual analysis based on AI.
