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Soggetti	Artificial intelligence Computer engineering Computer networks Education - Data processing Social sciences - Data processing Artificial Intelligence Computer Engineering and Networks Computers and Education Computer Application in Social and Behavioral Sciences Computer Communication Networks
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Routine Inspection: A playbook for corner kicks -- How data availability affects the ability to learn good xG models -- Low-cost optical tracking of soccer players -- An Autoencoder Based Approach to Simulate Sports Games -- Physical performance optimization in football -- Predicting Player Trajectories in Shot Situations in Soccer -- Stats Aren't Everything: Learning Strengths and Weaknesses of Cricket Players -- Prediction of tiers in the ranking of ice hockey players -- A Machine Learning Approach for Road Cycling Race Performance Prediction -- Mining Marathon Training Data to Generate Useful User Profiles -- Learning from partially labeled sequences for behavioral signal

annotation.

Sommario/riassunto

This book constitutes the refereed post-conference proceedings of the 7th International Workshop on Machine Learning and Data Mining for Sports Analytics, MLSA 2020, colocated with ECML/PKDD 2020, in Ghent, Belgium, in September 2020. Due to the COVID-19 pandemic the conference was held online. The 11 papers presented were carefully reviewed and selected from 22 submissions. The papers present a variety of topics within the area of sports analytics, including tactical analysis, outcome predictions, data acquisition, performance optimization, and player evaluation.
