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Anomaly detection in a perspective of interdisciplinary research

Friday 4 November 2022 14:00 (20 minutes)

Following the previous work of leveraging Standard Model jet classifiers as generic anomalous jet taggers (https://arxiv.org/abs/2201.07199), we present an analysis of regularized SM jet classifiers serving as anti-QCD taggers. In the second part of the presentation, from the perspective of interdisciplinary research, we initiate a discussion on the opportunities and challenges involved in the pipeline of applying deep learning techniques in scientific discovery.

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