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Anomaly detection with SOFIE

I will discuss a new concept in anomaly detection based on (1) tagging of objects to detect "exotic" ones (2) search for anomalous features by comparing the untagged and tagged samples. Both (1) and (2) are done with ML tools, either supervised or non-supervised. In the current implementation for multi-pronged jets, tagging is supervised and the search for features is unsupervised.

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