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New jet tagging techniques at CMS

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The CMS experiment makes use of a large variety of algorithms to identify the origin of particle jets measured in the detector. Through the study of jet substructure properties, jets originating from quarks, gluons, W/Z/Higgs bosons, top quarks and pileup interactions are discriminated. We present new techniques based on machine learning approaches developed for LHC Run 2 and Run 3 that significantly surpasses performance of classical taggers.

I read the instructions

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