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Probing Anomalous Gauge Couplings in Multi-Boson Physics with Machine Learning

Wednesday, 21 August 2024 16:30 (20 minutes)

Anomalous gauge couplings provide unique insights into dimension-8 physics, which can be studied in great detail through multi-boson processes at high-energy colliders. In this talk, I will review our recent studies on anomalous gauge couplings in multi-boson physics. This includes tri-boson and vector boson scattering productions, probes on anomalous couplings, and the applications of machine learning techniques.

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