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Kinematic Techniques for Missing Energy Events at Hadron Colliders

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Events with missing transverse energies in hadron collisions are an important channel for searching new physics which contains a dark matter candidate, such as supersymmetry with R-parity conservation. Due to the missing information, reconstructing these events are challenging. I will discuss some recent developments of kinematic variables and techniques which are useful in discoveries and measurements of such new physics events.

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