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Decision trees as an alternative for particle identification with TPC and TOF detector system

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Machine Learning methods are widely used for particle identification (PID) in experimental high energy physics nowadays. Particle identification plays an important role in high-energy physics analysis therefore determines the success of the performing an experiment. This determines importance of using machine learning to the PID problem. This report gives a preliminary status of application of decision tree to particle identification problem with TPC and TOF detector system.

Agreement to place

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