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Results from the Telescope Array Experiment

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The Telescope Array (TA) is the largest experiment in the northern hemisphere studying ultrahigh energy cosmic rays. TA is a hybrid experiment, which means it has two detector systems: a surface detector and a fluorescence detector. In this paper we report on results from TA on the spectrum, composition, and anisotropy of cosmic rays. The spectrum measured by the TA surface detector, cosmic ray composition measured with the TA fluorescence detectors operating in stereoscopic mode, and a search for correlations between the pointing directions of cosmic rays, seen by the surface detector, and AGN's are presented.

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