Abstract Submitted
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The Search for Ultra High-Energy Neutrinos With The ANITA Experiment[1] ABIGAIL GOODHUE VIEREGG, UCLA Dept. of Physics and Astronomy — The ANITA (ANtarctic Impulsive Transient Antenna) experiment is an innovative balloon-borne radio telescope, designed to detect coherent Cherenkov emission from cosmogenic ultra high-energy neutrinos with energy greater than 10^{18} eV. The second flight of the ANITA experiment launched on 21 December 2008, and collected data for 30 days. This large data set allows for the most sensitive investigation into the exciting GZK (Greisin-Zatsepin-Kuzmin) neutrino flux regime to date. I will present the status of the first pass analysis of the ANITA-II data set including calibration, analysis methods, and background rejection techniques.

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