

# Measurement and accuracy analysis of 3D distance from nuclear reactors to detectors in Dayabay neutrino experiment

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This paper describes the activities carried out in order to estimate the distance traveled by the neutrinos beam from nuclear reactors to detectors. Both terrestrial and Global Positioning System (GPS) based geodetic techniques are used in this 3D distance measurement. The positions of the reactor cores and detectors were estimated in a common reference frame through the processing of the collected observations. And the distance measurement accuracy is also analyzed

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