

A Null test framework for B-mode measurements with POLARBEAR

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The POLARBEAR experiment has achieved B-mode measurements from degree angular scales to sub-degree angular scales for searching for primordial gravitational waves and measuring gravitational lensing effects of the large-scale structure. To achieve that, we implemented a blind analysis framework so-called “null test” in our analysis. In this talk, I explain our null test framework, which could optimize and validate data and analysis before the final power spectra were obtained.

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