Abstract Submitted
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Finding Optimal Input Parameters for BayesWave KELSEY ROOK, Andrews University — This project involves data analysis for LIGO with the goal of finding optimal input parameters for the BayesWave analysis pipeline, which is an algorithm for detection of un-modelled gravitational wave transients. In this project, we add binary black hole gravitational waveforms to LIGO noise with different combinations of parameters to find the best method of separating gravitational waves from noise and glitches.

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