

# Coherent strategies for detecting gravitational waves from inspiraling binaries with a network of detectors

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We discuss the coherent method and coincident method for detection of compact binary inspiral signals.

We consider two detectors with different orientation at different location, and we compare the performance of two methods by simulation.

Refs. Mukhopadhyay, Sago, Tagoshi, Dhurandhar, Takahashi, Kanda, PRD74, 08305 (2006)  
Tagoshi, Mukhopadhyay, Sago, Dhurandhar, Takahashi, Kanda, PRD75, 087306 (2007)

