

Wavelet-Based Method to Detect Gravitational Wave Bursts

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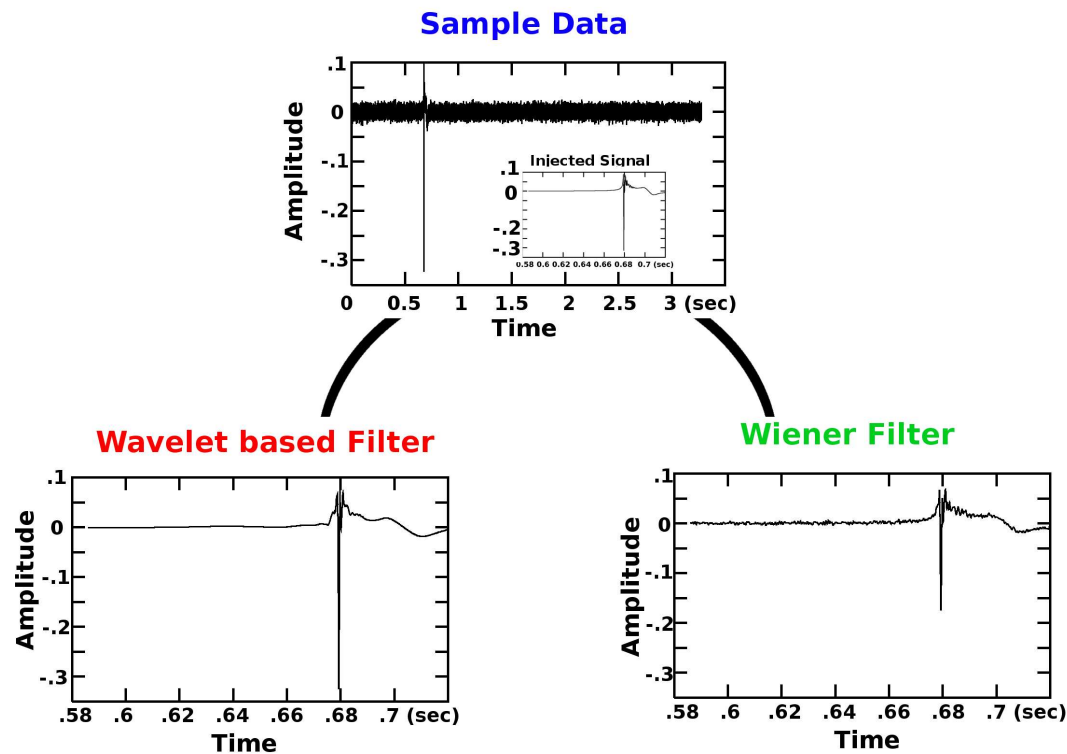
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Estimation of G.W. burst waveforms

G.W. bursts:

- Oscillation of spacetime around core collapses
- Merger phase of inspiral

Need to extract their waveforms **without using a priori information about their waveforms.**



squared error is

0.06

0.2