

Re: LIGO.

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- *From:* Tom Roberts <tjroberts137@xxxxxxxxxxxxxx>
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Joe M. wrote:

Tom Roberts wrote:

When a gravitational wave comes by, those integrals will change (one arm increases in total phase delay while the other decreases), implying that the interferometer output will no longer be nulled.

Is the phase delay measured by the spatial displacement of interference fringes, or pulse time delay?

Basically the former. But the actual detector is more complicated; go to <http://www.ligo.caltech.edu/> and poke around for details.

Tom Roberts

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