

OBSERVATIONS WITH WIDE-BAND GRAVITATIONAL RADIATION DETECTORS*

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Abstract. The principles and operation of wide-band gravitational radiation detectors are described. In 7 months of coincidence observations, one signal which fulfills requirements set for a gravitational wave event was recorded, and details are presented. The experiment sets an upper limit to millisecond pulses of gravitational radiation of 0.9 ± 2.1 per month at a 25% threshold of $0.3kT$ in 300 kG bars, which appears inconsistent with the flux implied by Weber's 1970 results if these are due to such pulses.

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