

CODED-APERTURE TIMING MEASUREMENTS OF THE CRAB PULSAR
AND A0535+26

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Abstract

We report timing observations of the Crab Pulsar and A0535+26 made with the Caltech imaging gamma-ray telescope, a coded-aperture instrument which operates in the energy range 30 keV - 10 MeV. Observations of the Crab region were made in five separate balloon flights during the period 1986-1989. A0535+26 was detected in its outburst phase during the fifth observation in 1989 April. The use of coded-aperture instruments for timing and the statistics of the timing measurements will also be discussed.

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