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## Three Stage Collapse From Prompt Multiwavelength Observations of GRB160625B

*Tuesday, 6 July 2021 09:50 (20 minutes)*

We present the results of synchronous multiwave observations of the intrinsic gamma and optical radiation of the long GRB160625B gamma-ray burst by the MASTER Global Network, the Lomonosov Gamma-Observatory and the Konus-Wind gamma detector. We see traces of quasiperiodic optical pulsations of the intrinsic optical radiation on scales of several tens of seconds. We associate quasiperiodic pulsations with forced precession of a self-gravitating slowly collapsing object - a spinar. We also present the results of recording hard X-ray and gamma radiation, obtained by burst detectors on spacecraft. We propose a three-stage scenario for the collapse of the core of a massive star, which explains three characteristic phenomena - the X-ray precursor, the main peak of the gamma-ray burst, and the weak peak at the end of the active phase of the gamma-ray burst.

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