

COSMIC EXPLOSIONS IN THREE DIMENSIONS

Supernovae and gamma-ray bursts are the strongest explosions in the Universe. Recent observations have shown that, rather than being symmetrical, they are driven by strong jets of energy and other asymmetrical effects that reveal previously unknown physical properties. These observations have demanded new theories and computations that challenge the biggest computers. This volume marks the transition to a new paradigm in the study of stellar explosions. It highlights the burgeoning era of routine supernova polarimetry and the new insights into core collapse and thermonuclear explosions. With chapters by leading scientists, the book summarizes the status of a rapidly developing new perspective on stellar explosions and should be a valuable resource for graduate students and research scientists.

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COSMIC EXPLOSIONS IN THREE DIMENSIONS

Asymmetries in Supernovae and Gamma-Ray Bursts

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