



## G299.2-2.9

G299.2-2.9 is an intriguing supernova remnant found about 16,000 light years away in the Milky Way galaxy. Evidence points to G299.2-2.9 being the remains of a so-called Type Ia supernova, where a white dwarf has grown sufficiently massive to cause a thermonuclear explosion. Because it is older than most supernova remnants caused by these explosions, G299.2-2.9 provides astronomers an excellent opportunity to study how such remnants evolve over time. The outer shell of the remnant, seen here in the Chandra X-ray image overlaid on optical data from the Digitized Sky Survey, provides insight into energy of the explosion and the interstellar environment in which the supernova occurred.

## September 2012

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