



The Beginnings and Ends of Double White Dwarfs

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The Long-Lived Remnants of Massive White Dwarf Mergers

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The merger of carbon-oxygen or oxygen-neon white dwarfs need not lead to a thermonuclear explosion, even when their total mass is in excess of the Chandrasekhar mass. I will discuss the post-merger evolution of these massive merger remnants, which may sometimes result in the production of a neutron star, and draw parallels to ultra-stripped core collapse supernovae. I will also describe the observational signatures that may allow such objects to be identified in the Milky Way or nearby galaxies.

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