

Abstract Submitted
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Searching for Hidden Black Holes in APOGEE-2¹ DAVID PALMORE, THOMAS J MACCARONE, Texas Tech University, RACHAEL BEATON, Princeton/ Carnegie Observatories, MICHAEL ERACLEOUS, Penn State, ARASH BAHRAMIAN, Curtin University, SDSS COLLABORATION — The Milky Way is believed to contain thousands of stellar mass black hole X-ray binaries, but only about 50 candidates are known. I discuss an examination of the APOGEE-2 data for X-ray sources in the Swift Galactic Bulge Survey region. The object HD 158902 stood out as warranting further investigation, because it showed a radial velocity discrepancy between archival data and APOGEE-2. I discuss my work in determining whether this is due to binary motions or other causes.

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David Palmore
Texas Tech University

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