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## The massive binary population of the starburst cluster Westerlund 1

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(Submitted on 29 Oct 2010)

We present initial results from a long-baseline radial velocity survey for massive binaries in the cluster Westerlund 1. Four systems are examined: the dust-producing WC binary W239, the double-lined eclipsing binary W13, and the single-lined B0 supergiants W43a and W3003. Finally, the evolutionary implications for the population of massive stars in Westerlund 1 are discussed.

Comments: 5 pages, 3 figures, to appear in the proceedings of the 39th Liege

International Astrophysical Colloquium on "The multi-wavelength view

of hot, massive stars", Liege, 12-16 July 2010

Solar and Stellar Astrophysics (astro-ph.SR) Subjects:

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