

Abstract Submitted
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Analyzing RR Lyrae Stars Using TESS Data¹ GARATH VETTERS,
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Angelo State University — The Transiting Exoplanet Survey Satellite (TESS) has
a primary mission of observing exoplanets. However, by precisely measuring the
brightness of a large number of stars, it is an ideal tool to use in order to look
for stellar variability. We have used TESS data and a program written in python
to classify stars into three types of RR Lyrae variables: RRab, RRc, and RRd.
Moreover, particular attention will be placed on looking for interesting phenomena
only recently discovered by the latest generation of space telescopes.

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