Abstract Submitted for the TSF07 Meeting of The American Physical Society

Using Fourier Coefficients to Determine Metallicity of RR Lyrae Stars¹ PAMELA VO — Fourier decompositions were performed on the light curves of RR Lyrae stars observed using the Michigan State Observatory telescope and SDSS' Apache Point telescope. The relationship between metallicity and Fourier coefficients was then examined in the g' filter.

¹Many thanks to Dr. Horace Smith and Nathan de Lee from Michigan State University.

Pamela Vo

Date submitted: 03 Oct 2007 Electronic form version 1.4