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COMPARISON STARS FOR AM Her

Photoelectric BVRI observations of three comparison stars in the field of the X-ray source AM Her are presented. The comparison stars, along with a finding chart, are identified by Liller (1977).

The observations were begun in 1977 and continued through 1979. The instrumental system is described by Moffett and Barnes (1979). The following telescopes were used; the 91-cm and 208-cm at McDonald Observatory, the 61-cm at Table Mountain Observatory, and the No. 2 91-cm at Kitt Peak National Observatory.

The results are given in the following table where σ represents the standard deviation and n is the number of observations.

Comparison Stars for AM Her									
Star	V	$\pm\sigma$	(B-V)	$\pm\sigma$	(V-R)	$\pm\sigma$	(R-I)	$\pm\sigma$	n
a	11.77	.02	0.94	.03	0.73	.02	0.49	.02	27
b	12.80	.02	0.58	.04	0.50	.03	0.33	.02	14
d	13.10	.06	0.61	.09	0.53	.05	0.36	.09	22

Our V magnitudes are in excellent agreement with those given by Liller (1977).

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References:

- Liller, W., 1977, *Sky and Telescope*, 53, 351
Moffett, T.J., and Barnes, T.G., 1979, *P.A.S.P.*, 91, 180