

PUBLICATIONS BY MARTHA BETZ SHAPLEY



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SCHOLARLY JOURNALS & PERIODICALS

1913

Die epische zwischenrede in Goethes erzählungen. Masters Thesis, University of Missouri.

1915

With Harlow Shapley. A study of the light curve of XX Cygni. *Astrophysical Journal*, **42**(2):148-162. [a]

With Harlow Shapley. The light curve of XX Cygni as a contribution to the study of Cepheid variation. *Proceedings of the National Academy of Sciences*, **1**(8): 452-456. [b]

1916

The period of U Cephei. *Astrophysical Journal*, **44**(0):51-58.

1917

The color-curve of XZ Cygni. *Astrophysical Journal*, **45**(0):182-188. [a]

The light-curves and orbital elements of TT Lyrae and Y Camelopardalis. *Ibid*, **46**(0):56-63. [b]

1918

The light curve and orbital elements of the eclipsing binary Y Leonis. *Publications of the Astronomical Society of the Pacific*, **30**(0):343-346.

1919

With Harlow Shapley. Studies based on the colors and magnitudes in stellar clusters. XIII. The galactic planes in 41 globular clusters. *Astrophysical Journal*, **50**(1):42-49. [a]

With Harlow Shapley. Studies based on the colors and magnitudes in stellar clusters. XIV. Further remarks on the structure of the galactic system. *Ibid*, **50**(2): 107-140. [b]

1922

Orbit of the eclipsing binary TW Andromedae. *Astrophysical Journal*, **56**(): 439-445.



CONTRIBUTIONS OF THE MOUNT WILSON OBSERVATORY

5(104). *With* Harlow Shapley. A study of the light curve of XX Cygni.:395-410. [1915]

X(128). The color-curve of XZ Cygni [1917]

8(160). *With* Harlow Shapley. Studies based on the colors and magnitudes in stellar clusters. Thirteenth paper: The galactic planes in 41 globular clusers.: 299-306. [1919]

8(161). *With* Harlow Shapley. Studies based on the colors and magnitudes in stellar clusters. Fourteenth paper: Further remarks on the structure of the galactic system.:307-340. [1919]

X(254). Orbit of the eclipsing variable TW Andromedae. [1922]



BULLETINS OF THE HARVARD COLLEGE OBSERVATORY

(840) [1926]; (842)-(844), (847)-(848) [1927]; (854) [1928]; (874) [1930]; (889) [1932].



CIRCULARS OF THE HARVARD COLLEGE OBSERVATORY

(232). *With* Harlow Shapley. The distances of 27 bright stars of class K. [1922]

(238). *With* Ida E. Woods. Light curve and orbit of a new eclipsing variable H.V. 3622. [1922]

1946

*With Zdeněk Kopal. A study of the extended envelope surrounding the Wolf-Rayet component of V 444 Cygni. *Astrophysical Journal*, **104**():160-176.*

1968

*With Zdeněk Kopal. Models of dense stars. *Astrophysics and Space Science*, **1**(): 112-124.*