

Selected Pictures of Penn Astronomical Instruments

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Background

The following materials are from the files of deceased University of Pennsylvania astronomers William Blitzstein and Robert H. Koch.

Coronaviser

One of William Blitzstein's files contains a folder called "Coronaviser." This device is described in Koch (2010). Figure 1 is an image of a picture in the folder.

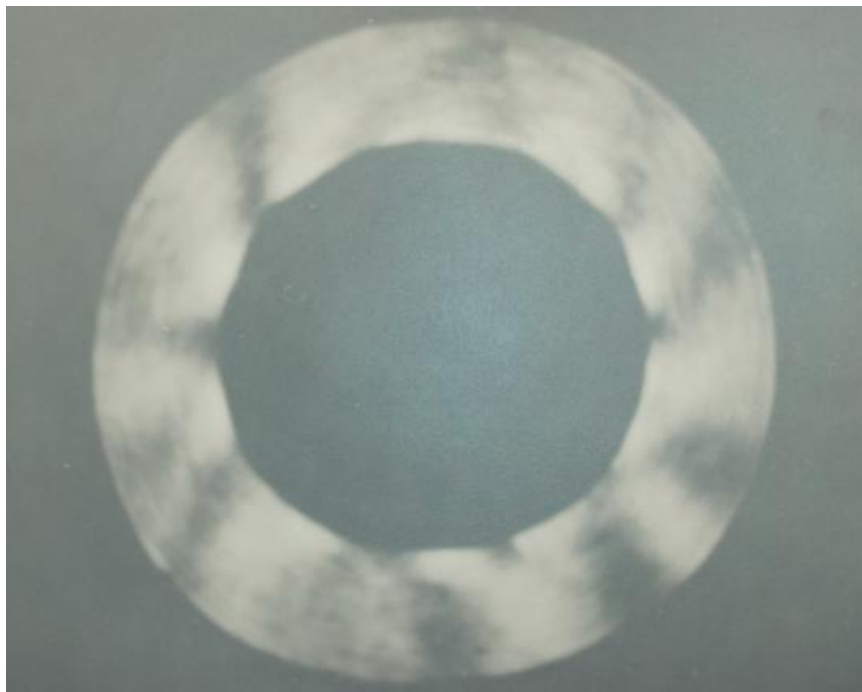


Fig. 1. Corona image made by A. M. Skellett with the Coronaviser.

The back of the picture in Figure 1 contains cursive script which says:

Mr. Cook,

Here is an enlargement of the plate I spoke to you about. This is a more or less pronounced polar pattern and the poles of this pattern line up with the polar axis of the sun. We will need better results than this but it looks promising.

A. M. Skellett.

Wedge Photometer

Another of William Blitzstein's files contains a folder called "Calibration Curves, Wedge Photometer". Several wedge photometers are mentioned in Koch (2010). Figures 2 and 3 are copies of folder contents. In the collection there are several very old lantern slides of early wedge photometer calibration data.

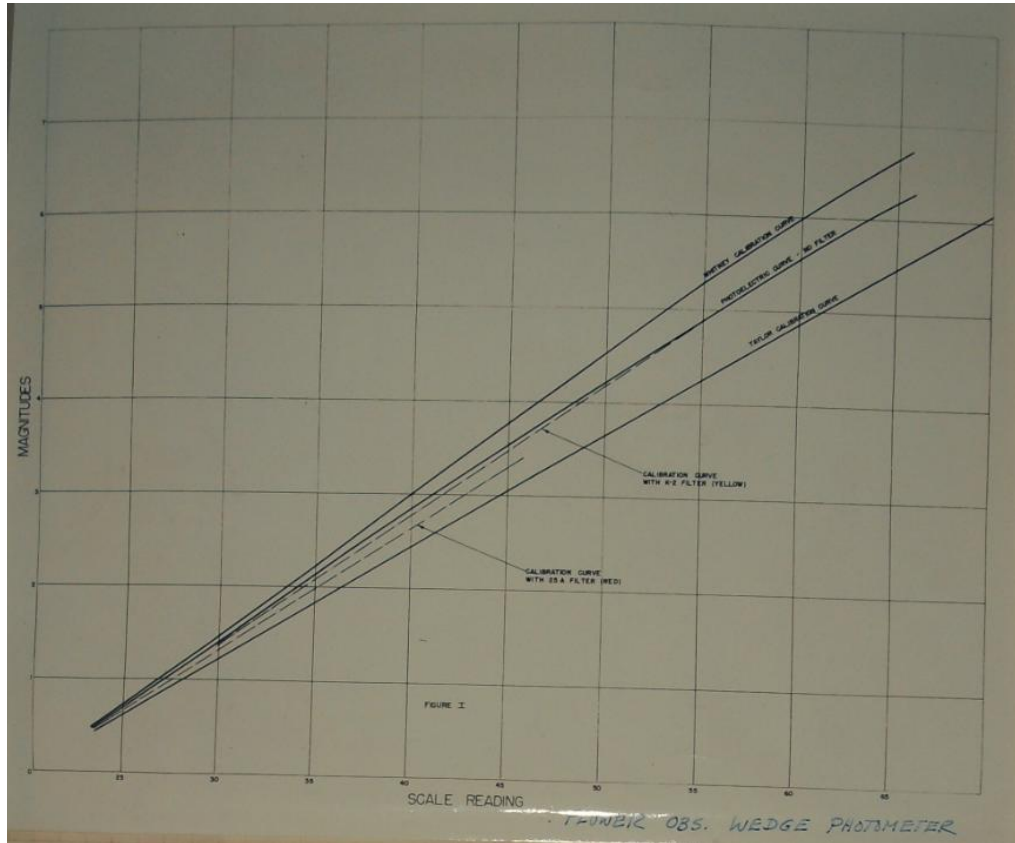


Fig. 2. Wedge photometer calibration data.

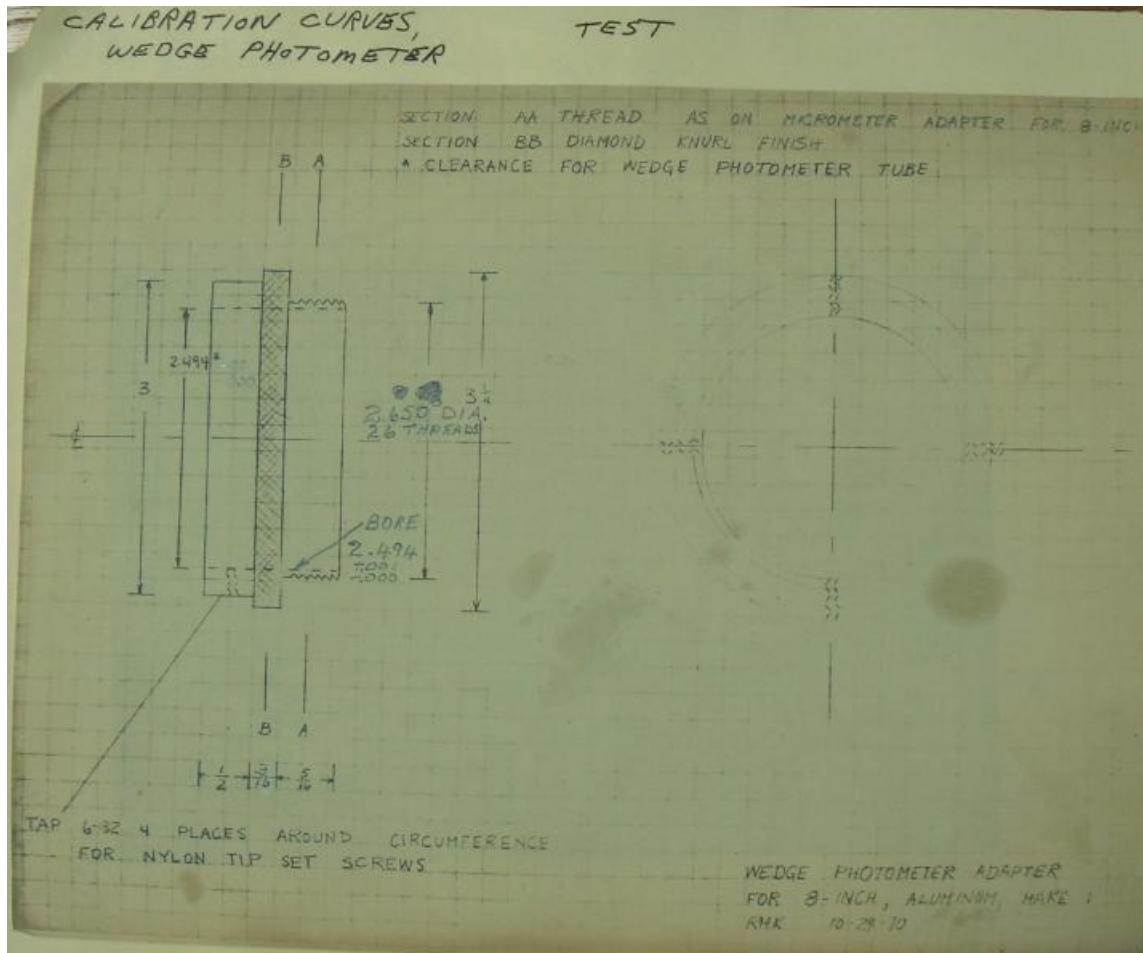


Fig. 3. Wedge photometer adapter diagram.

More materials will be added to this document as they are located and scanned.

Reference

Koch, R. H. 2010, *Observational Astronomy at the University of Pennsylvania 1751 – 2007*,
<http://www.gravic.com/graviclabs/pdf/astronomy/Observational%20Astronomy%20at%20UP%201751%20-%202007%20-%20Revision%20B.pdf> Accessed 9/9/2011.