

Photometry, Spectroscopy, and Classification of Nova V475 Scuti: Erratum

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In the paper “Photometry, Spectroscopy, and Classification of Nova V475 Scuti” by D. Starkey (*JAAVSO*, 2005, **34**, 36–42), there is an error in Equation (2), the descriptions of Equations (2) and (3) should be amended, and a fourth equation and its description should be added.

Equation (2) should read:

$$“M_v = -7.92 - 0.81 \arctan \{ (1.32 - \log(t_2)) / 0.23 \} \quad (2)”.$$

The description of Equation (2) should read: “where M_v equals the absolute V -band magnitude of the nova, t_2 is the time in days for the nova to drop exactly two magnitudes in brightness in the V -band, and the value of the arctangent is in radians.”

The description for Equation (3) should read: “where m_v equals the apparent or observed magnitude of V475 Sct at maximum, D equals the distance to the nova in pc, and A_v is the total galactic absorption of the light path to the nova in V -band magnitudes.”

A fourth equation, and descriptive text should be added as follows: “The total galactic absorption can be determined by:

$$A_v = a_v \times D \quad (4)$$

where a_v is the galactic absorption factor of 1.9 V mags/kpc.”