

RSCVn binary V711 Tauri using the 40-cm Cave reflector of Yonsei University Observatory. The internal probable error for a single observation determined with 28 yellow observations of the check star (12 Tauri) turned out to be small enough ( $\pm 0.0079$ ), so that the study of the peculiar and the small range light variability of the order of 0.1 magnitude in the V711 Tauri system became available. The photometric results thus obtained from our 1981~82 observations are presented.

### Photometric studies on three well known apsidal motion systems

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Three well known apsidal motion systems (CW Cep, Y Cyg, and AG Per) were observed using the photometer attached to the 40cm Cave reflector of Yonsei University Observatory in late 1981. Out of many attempts a total of 10 times of minimum light in the yellow and blue for three stars was made, and the deduced epochs are as follow:

Star	Times of minima(JD Hel 2444000+)	$\underline{O} - \underline{C}$	Filter	Type of Min.
Y Cyg	897.0686 $\pm$ 0.0002	+0.0287	V	I
	0689 $\pm$ 0.0002	+0.0290	B	I
AG Per	898.0905 $\pm$ 0.0002	+0.0327	V	II
	.0912 $\pm$ 0.0002	+0.0334	B	II
	902.1450 $\pm$ 0.0002	+0.0297	B	II
	.1456 $\pm$ 0.0002	+0.0303	V	II
CW Cep	909.0548 $\pm$ 0.0002	-0.0082	V	I
	.0580 $\pm$ 0.0002	-0.0050	B	I
AG Per	915.2660 $\pm$ 0.0002	-0.0360	V	I
	.2664 $\pm$ 0.0002	-0.0356	B	I

Due to a lack of observations for last 5~6 years for each star, our observation holds its importance for the rediscussion and the refinement of the apsidal period and constants.

### Photoelectric Observation of TX UMa

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B.V. photoelectric observation of TX UMa was observed for sixteen nights in this year with the 24 inch reflector at Yonsei University Observatory. The obtained full light curve will be presented.

### Surface Photometry of Spiral Galaxies, M31, M81, and NGC 2403

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Photoelectric surface photometry in three colors has been obtained from drift scan observations along the W-E line for M31, M81, and NGC 2403, and photographic surface photometry has been carried out for NGC 2403. In M31 and M81, spiral arms and dark lanes appear in the luminosity