NEW DATA ON THE δ SCUTI STAR 44 TAURI

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Abstract. Photometric and spectroscopic observations were made by Oskanian and Terzan (1974) on the 40-cm telescope at Byurakan Observatory and by Morguleff *et al.* simultaneously at the 80-cm photometric telescope and the Coudé Spectrograph of the 152-cm telescope of the Observatoire de Haute Provence.

These and earlier published observations were searched for periodicities, especially those in long nights ($n=47$). The 33 values found for a short period are plotted in the histogram (Figure 1). The period seems to oscillate around a value of about 0.13 days. The present data do not allow a search for long periods.

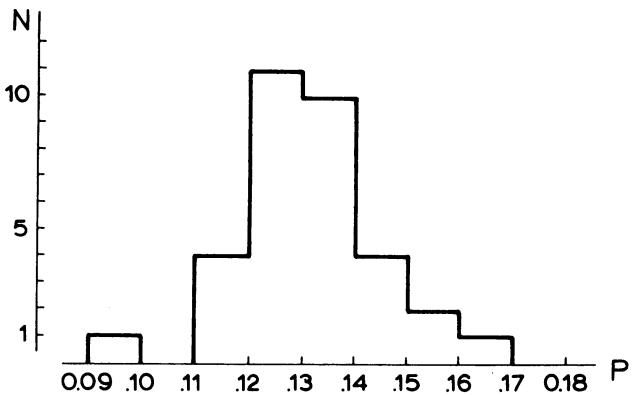

Fig. 1.

References

Oskanian, V. and Terzan, A.: 1974, *Info. Bull. Var. Stars*, No. 899.
Morguleff, N., Rutily, B., and Terzan, A.: *Unpublished observations.*

REMARK

M. S. Frolov drew the attention to an error in the absolute magnitudes of dwarf Cepheids (AI Velorum stars) as given by Baglin *et al.* (1973); the M_V taken over from McNamara (1965) had to be corrected by $+1^m4$ as already stated by McNamara. Independently a period-luminosity relation $M_V = -1^m3 - 4.5 \log P$ was derived (Frolov, 1971).

Sherwood and Plaut (eds.), Variable Stars and Stellar Evolution, 255–256.

References

Baglin, A., Breger, M., Chevalier, C., Hauck, B., Le Contel, J. M., Sareyan, J. P., and Valtier, J. C.: 1973, *Astron. Astrophys.* **23**, 221.
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McNamara, D. H.: 1965, *Kl. Veröff. Bamberg*, **40**, 111.