

COMMISSION 27 OF THE I. A. U.
INFORMATION BULLETIN ON VARIABLE STARS

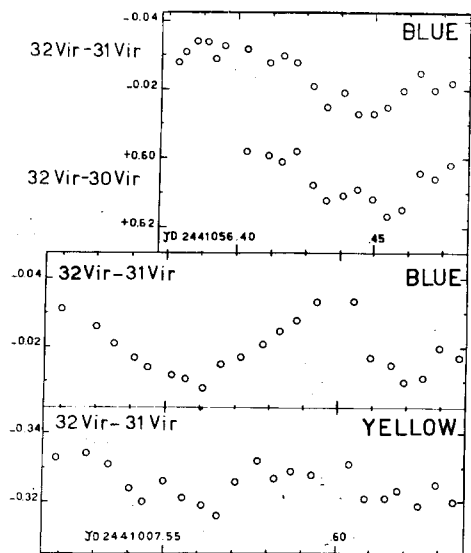
NUMBER 704

Konkoly Observatory
Budapest
1972 August 2

32 VIRGINIS: A PULSATING Am STAR

Breger (1) suggested that pulsation would destroy the metallic-line characteristics.

Bessel and Eggen (2) discovered HR 5491 as pulsating metallic-line star.



Observing with the 60cm telescope and the Lallemand photomultiplier of Bologna Observatory the Am (3) magnetic (4) star 32 Vir for 17 nights, we have found it always pulsating not strictly periodically with a period of about $0^d.07$ and an amplitude ranging from $0^m.02$ to $0^m.05$ as it is shown in the figures. A more detailed paper will follow after new observations in the next spring.

Osservatorio astronomico
dell'Università di Bologna
25 luglio 1972

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References:

- (1) Breger, M.S., *Astrophys. J. Suppl.*, 18, 167 (1969)
- (2) Bessel, M.S., and Eggen, O.J., *Publ. Astron. Soc. Pacific*, 84, 72 (1972).
- (3) Roman, N.G., Morgan, W.W., and Eggen, O.J., *Astrophys. J.* 107, 107, (1948).
- (4) Babcock, H.W., *Astrophys. J. Suppl.*, 3, 141 (1958).