



Figure 1. Finder charts approximately 10' x 10', North at top. Left, V1901 Sgr. Right, the area in Cygnus; upper star marked is the suspected new variable, the lower is PG7.

#### BEAT PHENOMENA IN THE LIGHT CURVE OF VX SGR

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#### Abstract

Power spectrum analysis (see Smith, 1974) has been applied to 40 years of AAVSO observations of the red super-giant variable VX Sgr. The observed light curve can be represented as a superposition of 660, 750, and 810 day oscillations. Interference of these three oscillations explains the large range in amplitude discovered by Dinerstein (1973), though until further observations accumulate this result must be considered tentative.

#### REFERENCES

- Dinerstein, H. 1973, JAAVSO, 2, 52.  
Smith, H.A. 1974, JAAVSO, 3, 20.