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A NEW SEMIREGULAR VARIABLE IN CANCER

On about 140 photographs taken between March, 1974 and June, 1977 a new semiregular variable which probably belongs to SRb type was found. The position of the star is,

$$\alpha = 8^{\text{h}}57^{\text{m}}56^{\text{s}} \quad \delta = +8^{\circ}35'9'' \text{ (1900.0)}$$

Photographic material is super panchromatic emulsion with yellow-green filter which gives brightness very close to visual magnitude. The range of variation is $10^{\text{m}}.0$ - $11^{\text{m}}.0$ so far. The light curve is fairly irregular as shown in Figure 1, but it seems to have periodicity of roughly 110 days. Figure 2 is the finding chart of the star.

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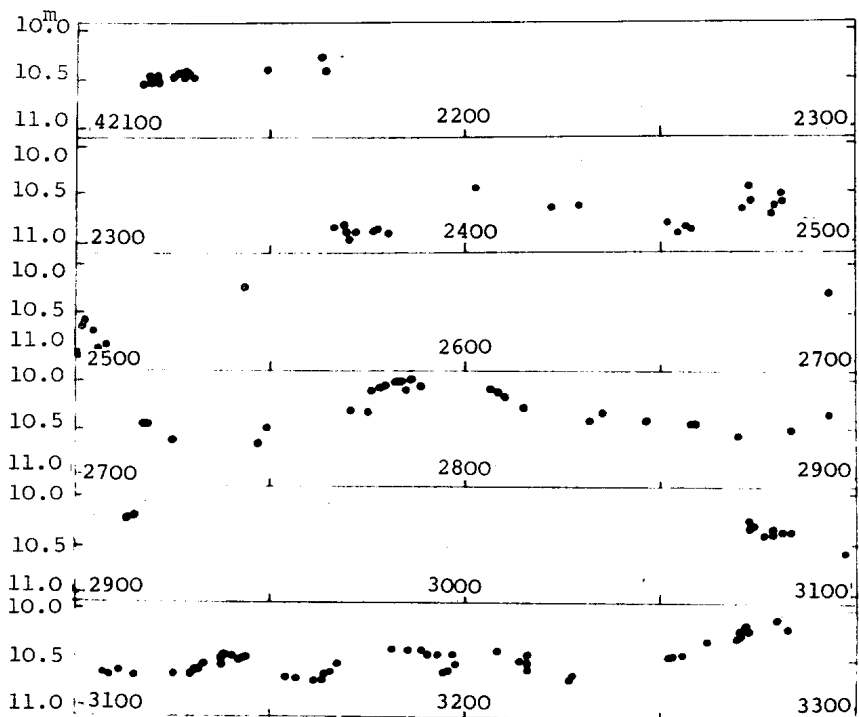


Figure 1

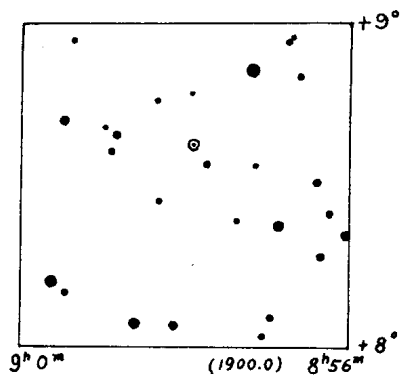


Figure 2