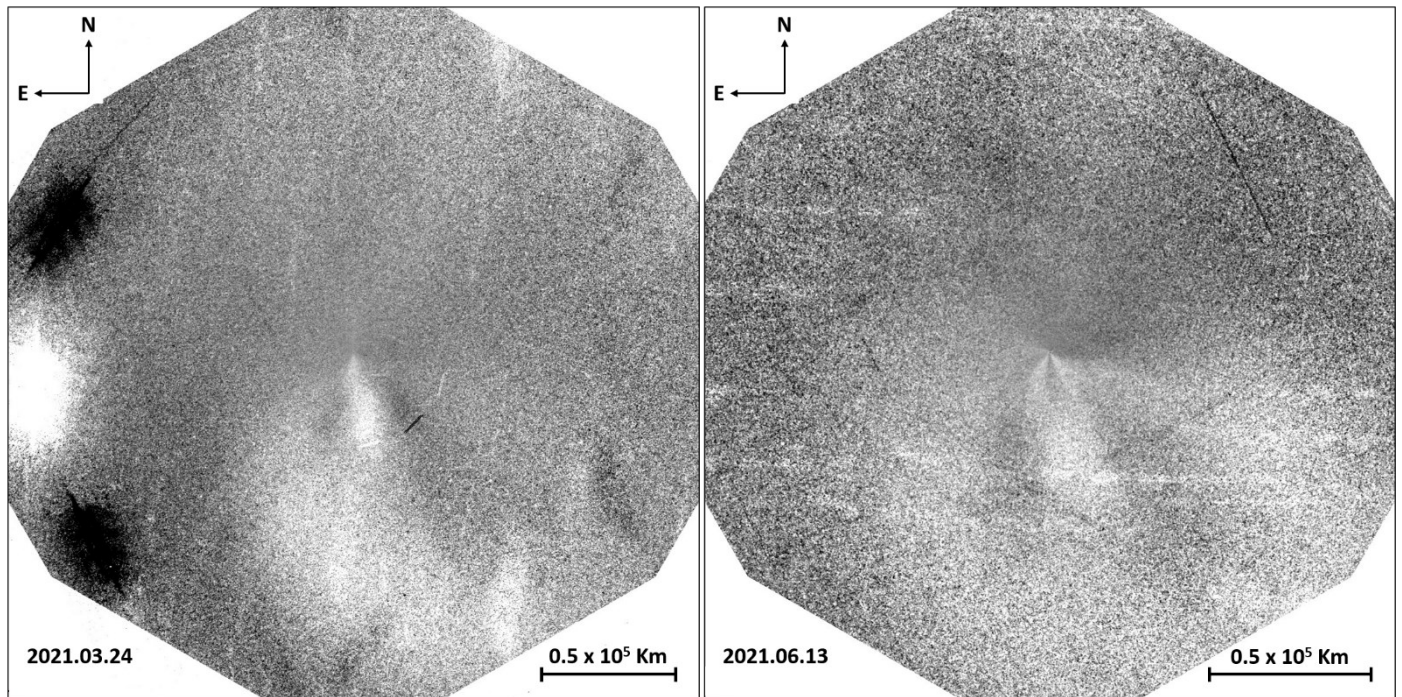


Refining the period of the cyclic positions of a morphological structure in the inner coma of Comet C/2017 K2 (PanStarrs)

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Figures and figure captions



Figures 1 and 2. The original HST images taken on 2021.03.24 and 2021.06.13, were stacked on the optocenter of the comet C/2017 K2. The stacks were treated with a $1/\rho + \text{LS}$ algorithm ($\alpha=30^\circ$). The PA of the south-eastern structure was measured as described in the text.

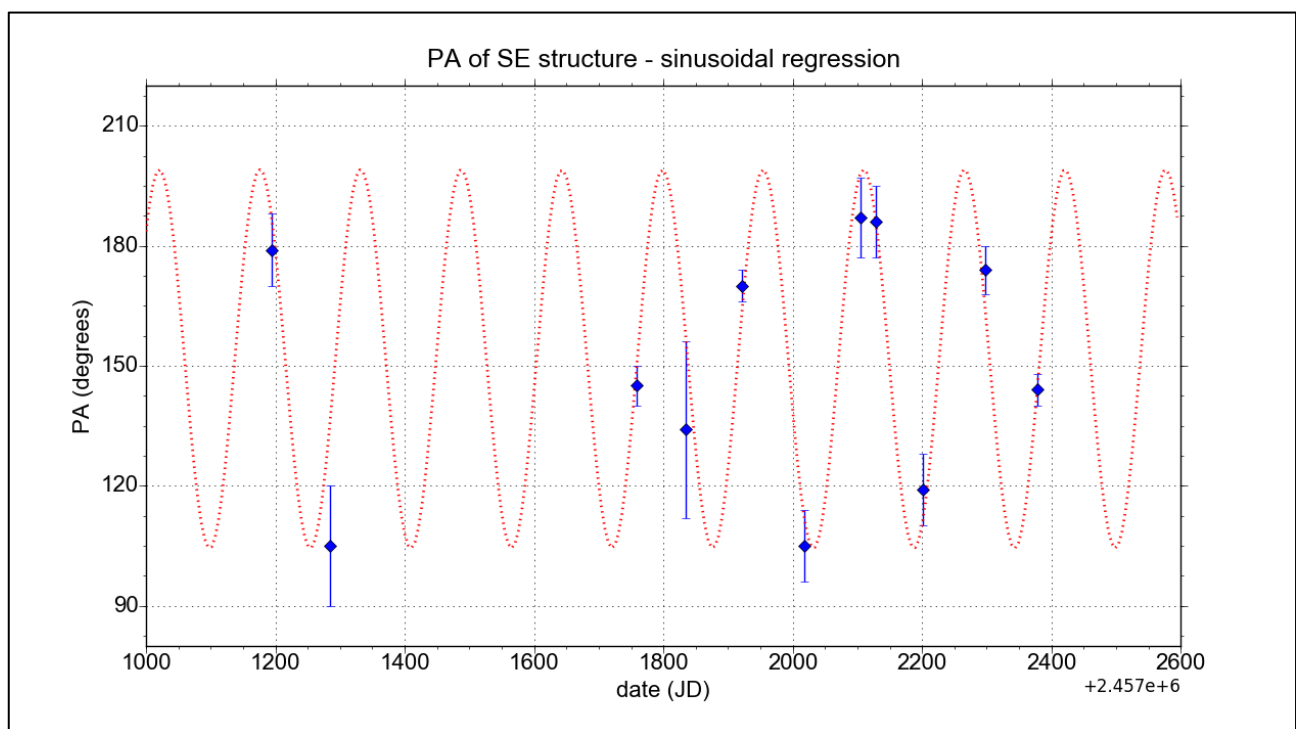


Figure 3. Plot of the measured position angles (\pm standard deviation) of the south-east structure over the observation period. The red dotted line is the sinusoidal best fit, showing a period of 155.5 ± 10 days ($R^2=0.803$).