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Title: A Pulsating Hot Subdwarf KIC 10670103 - 2.5 Year Light Curve Data Analysis
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Abstract: We present the most current study of KIC 10670103, a pulsating hot subdwarf B star. 2.5 year of Kepler data (5 - 14 quarter) allowed us to extract over 300 frequencies. Assuming asymptotic limits for gravity mode pulsations and using equal-period spacing relationship we identified spherical mode components. Comparing identified modes with the gravity mode trapping pattern models we show that KIC 10670103 observed period spacing fits a thick envelope sdBV. The Fourier spectrum appeared to be reach in multiplets and allowed to derive about 90 days rotation period - the longest observed in these stars.