

## **Photometric and spectroscopic variability of 53 Per (#1328)**

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A new investigation of the variability of the SPB-type star 53 Per is presented. The analysis of the BRITE photometry allowed us to determine eight independent frequencies and the combination one. Five of these frequencies and the combination one were not known before. In addition, we gathered more than 2400 new moderate and high-resolution spectra of 53 Per spread over approximately a year. Their frequency analysis revealed five independent frequencies and the combination one, all consistent with the BRITE results.