

## **Spatial distribution of stellar rotational axes of Be stars**

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### **Abstract:**

In order to know the distribution of rotational velocities of Be stars, a standard assumption is used, namely that the rotational axes are uniformly distributed. We use here polarimetric projected angles data from ca. 500 Be stars and make a statistical analysis.

Furthermore we perform a Monte-Carlo simulation that explains the observed features of the angles, confirming that it is indeed uniformly distributed, but the projected angles possess a bimodal structure. This last feature may change the conclusion about the velocity distribution of these stars.