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**CALCULATION OF THE MAGNETIC FIELD OF THE PARENT BODY OF  
THE METEOROID HOBA, BY APPLYING SAVIĆ-KAŠANIN  
THEORY IN A PROGRAM PYTHON**

In this paper, the magnetic field of the parent body of meteoroid Hoba was calculated based on the Savić-Kašanin theory. In the introduction are given general data about meteorite Hoba. Code, written in Python, enabled calculation of the contribution of the magnetic moment of the iron element, to the total magnetic moment of the parent body. Significance of the obtained result is discussed, in order to get deeper insight in formation conditions of the parent body. Such studies could contribute to a better understanding of the origin of meteoroids and the formation of the Solar System.

**Keywords:** Savić-Kašanin theory, meteorite and meteoroid Hoba, magnetic field