

Seminar Fakulteta za fiziku

Vrijeme: petak, 6. lipnja 2025. u 11:00

Mjesto: O-161, Fakultet za fiziku, Sveučilišni kampus, Radmile Matejčić 2

Jezik: engleski

What can we learn from the rotation of stars?

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Abstract

Stars rotate like all other objects in the universe. When Galilei and others observed sunspots moving across the solar disk, it was soon assumed that these spots are anchored in the sun's photosphere and appear to move across the solar disk due to the sun's rotation. But how can we measure the rotation of stars? This overview discusses the methods used to measure stellar rotation, the effects of stellar rotation on stellar activity and the method of gyrochronology. We will see that stellar rotation plays an important role in the evolution of a star.