

# Spotted Stars in the Perspective of HR Diagram

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## ABSTRACT

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Our sun is middle age star on HR-diagram main sequence. Dark spots are observed on the photosphere of the sun arising due to solar activity. A study of the record of these spots can explain various aspects of the properties of the Sun. It also can be used to explain some of the solar-terrestrial relations. Spots similar to sunspots are observed on other stars as well. This study is concerned with stars having sun like spots. It is interesting to review that weather such stars can be sorted according to their position on HR diagram. This communication is an attempt to explore the same.

**Keywords:** Evolution; HR Diagram; Sun Spots; Star Spots.

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