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Follow up studies on delta Scuti star: HD 75656

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Abstract content
 (Max 300 words)
 Formatting & Special chars

HD 75656 is a normal A-star. A team led by T. Medupe observed the star from Sutherland observatory in 2007. From their observations, they found that this star pulsates with an oscillation period of 2.45 hours which would suggest that it is a δ -Scuti star. We will present more data on HD 75656 in order to confirm whether it is a δ -Scuti star or not. The 40.0 cm telescope at the Mahikeng Astronomical Observatory is used to obtain more data on the star. The project will use HD75501 as a comparison star. Light curves of the star will be obtained from the data and Fourier analysis performed in order to determine the frequency at which the star pulsates and to find out whether it pulsates at more than one frequency. Possible asteroseismology will be performed on the frequency data

Apply to be considered for a student award (Yes / No)?

No

Level for award (Hons, MSc, PhD, N/A)?

N/A

Main supervisor (name and email) and his / her institution

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Would you like to submit a short paper for the Conference Proceedings (Yes / No)?

No

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Yes

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