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Development of an Improved Mode Identification Formula For Pulsating Stars

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Abstract content
 (Max 300 words)

Medupe et al. (2009) developed a new formula for photometric mode identification by considering the shapes of eigen functions in A stars. We calculated opacity tables using ATLAS9 model atmosphere computer program and use this to fit the new formula to delta Scuti stars.

In this talk, I am going to explain and review mode

identification methods for pulsating stars and present the new improved photometric mode identification formula and our results.

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

Yes

Level for award
br> (Hons, MSc,
br> PhD)?

PhD.

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

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Would you like to
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No

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