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# Eta Orionis : Determination of one of the periods of this star

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## Abstract

How to measure one of the periods of this multiple star system with an eShel spectrograph?

By carrying out a measurement campaign over 12 nights from December 2016 to January 2017, I was able to calculate the main period of this star and to demonstrate the presence of a shorter period within the main period.

All process made with ISIS software and Matlab.

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