Serat Saad

ASTR 8060

Prof. Jessie Runnoe

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Assignment: Identify a science case for Final Project.

I’m thinking about asking Gemini North and South to do a survey to get the spectra of stars in the Orion constellation. This specific part of the sky consists of several star forming regions which is why this can be a good target to analyze spectrum to get the properties of Young Stellar Objects (YSOs). Class I and class II YSOs have stellar disks. And it’s possible to find out the properties of the stellar disk by calculating the veiling of the spectrum.