— Jennifer Glover | Supervisor: Nicolas Cowan | Department of Physics, McGill



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— Why?

Investigate albedo and cloud formation on exoplanets

Searches for biosignatures will rely on detecting reflected light with high resolution spectrographs

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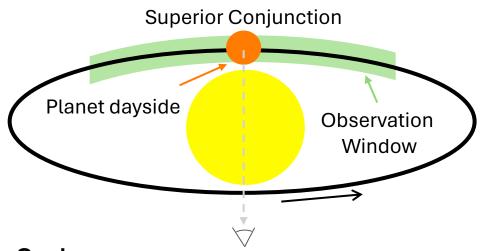
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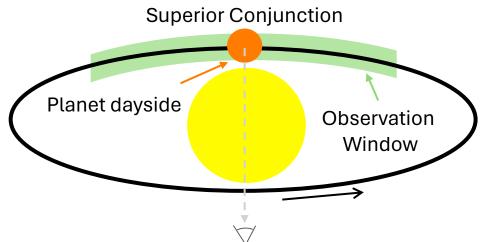
Goal:

Detect reflected light from hot Jupiter 51 Peg b

Data:

Approved observations with Maroon-X + archival

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Detect reflected light from hot Jupiter 51 Peg b

Data: Approved observations with Maroon-X + archival

Approach: Use cross-correlation to extract the planet signal

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