Lecture 29

- Review HW2 resit
- Chromosphere
- Corona
- Solar Wind

Last time...

- Eddington approximation

 gives *I* proportional to τ+2/3
- Two-stream approximation

 gives *I* proportional to τ+1

Resit homework 2

- How to take limits
- Partial derivatives commute
- Wave trains (not perfectly monochromatic)
- AU vs. au
- Working with Kronecker deltas

















Which one is solar max



B. ?

A. ?



Which one is solar max

A. ?



Solar minimum: Polar plumes

B. ?



Fig. 9.8. The solar corona at activity minimum (unner) and maximum (lower

Solar Maximum: More structured Distributed evenly



and a second as the



Why different lines for different heights?

- A. Different abundancies
- B. Different production mechanisms
- C. Different ionization temperatures
- D. All of the above



What we learned today

- How to take limits
- Partial derivatives commute
- Wave trains
- Working with Kronecker deltas
- Chromosphere
- Corona
- Solar Wind