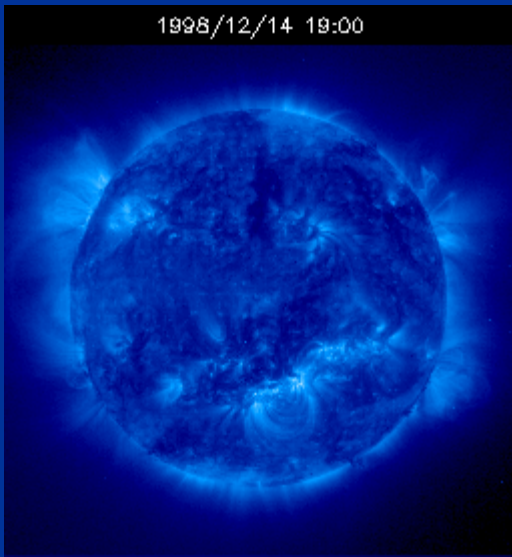


III. the equations of stellar structure



- i. introduction
- ii. timescales
- iii. equation of hydrostatic support
- iv. equation of mass conservation
- v. accuracy of hydrostatic assumption
- vi. validity of spherical symmetry assumption
- vii. minimum value for central pressure of a star
- viii. virial theorem
- ix. minimum mean temperature of a star
- x. state of stellar material
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- xiii. energy transport
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- xvi. solving the equations of stellar structure