Weighing the Universe with Supernovae. Discovery of Dark Energy/ Cosmological Constant—9 Dec

- Final exam
 - Covers entire course with emphasis on 20th century cosmology (Oct 28 to end of term, Hwk 7–10)
 - One 8.5×11" cheat sheet
 - Mon, 14th, 3:00-5:00, 1410 BPS (large classroom next door)
- Please fill out on-line SOCT http://rateyourclass.msu.edu
 Will close when grades are submitted.
- Last class: Review
- · Weighing the universe means to find mass density
- What we will find: Expansion of universe speeds up!
 - "Dark energy" is dominant. Dark energy repulses whereas matter and radiation attract.
 Ast 207 F2009













