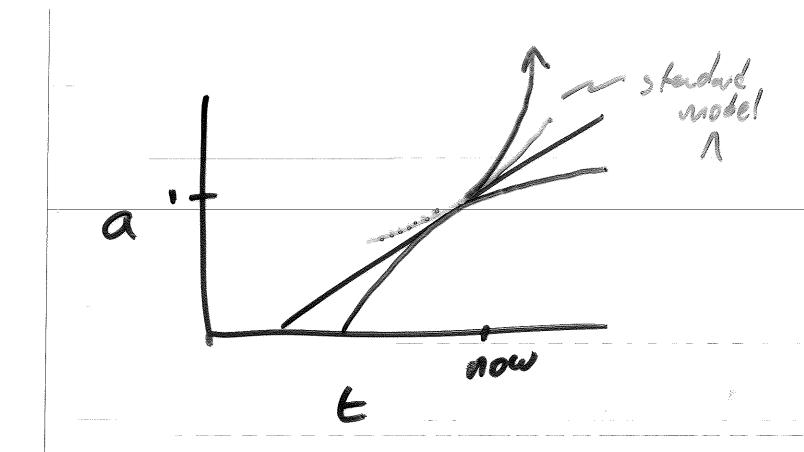
# PATER DRAFTS (OUTLINES accepted the Thous. MORNING

next week: No SEETIONS (No S'bucks has eiter)

following week: DOUBLE SECTIONS
(111 Caplain...)

special welcome to pre-fresh (and come hear about) black holes at 7pm!)

### Open Yale courses



## Open Yale courses

Yale University 2012. Most of the lectures and course material within Open Yale Courses are licensed
 under a Creative Commons Attribution-Noncommercial-Share Alike 3.0 license. Unless explicitly set forth in
 the applicable Credits section of a lecture, third-party content is not covered under the Creative Commons
 license. Please consult the Open Yale Courses Terms of Use for limitations and further explanations on the
 application of the Creative Commons license.

# Type Io. Supernouse

normal 5 tos	) white dwarf
white	* Junf: C.O.N.Ne
acen	ted makerial howf landon which down fusion on proclear fusion to some muchan in
	occasion of acrelod
Whi	te dwarf gets more massive ion drawel har limit"
courses	J. 4MO

© Yale University 2012. Most of the lectures and course material within Open Yale Courses are licensed under a Creative Commons Attribution-Noncommercial-Share Alike 3.0 license stipless explicitly get fasts in the applicable Credits section of a lecture, third-party content of the Creative Course Course license. Please consult the Open Yale Courses Terms of Use for limitations and further explanations on the application of the Creative Commons license.

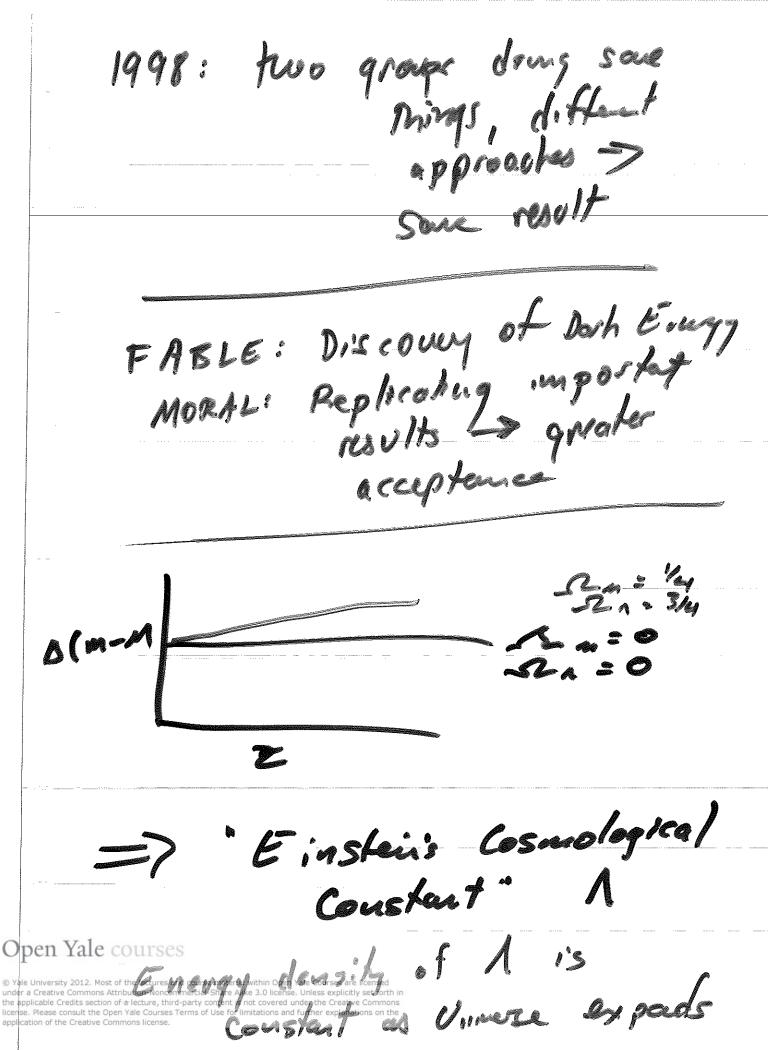
Open Yale

C (other elements) fuse => energy Tre and party AT ONCE "STANDARD BOMB" always have some amout of making/ all explodes of once I always the some bigliney eorly 1990s: 1) HST measured Caphaids in galances that had Type Io SN > colibration bs. may University 2012. Next of the lectures of Could's particularly interested Creative Commons And Dutton-Noncommercial-Share Alike 3.0 license. Unless explicitly of learth in cable Credits section of a lecture, thindness and section of a lecture. Open Yale courses councerse. Unless explicitly reports in covered under the Creative terminons before and in the creative terminons before and in the creative terminons.

measure: all photon in some \( \lambda \teq \) our at

Some two vary by 15-20%. Can correct for this
measure - Kolor
decay rate => good studend condle \* theoretical basis for condis" « Empirical basis: offer some corrections. The nearby ones line up well

### Open Yale courses



for malter I vow

samont (2)3/ 1/8 the volume Save avant of matter doesn't me = 8 Gran

Dark Energy Deus.ly
13 CONSTANT

Open Yale courses

© Yale University 2012. Most of the lectures and course material within Open Yale Courses are licensed under a Creative Commons Attribution-Noncommercial-Share Alike 3.0 license. Unless explicitly set forth in the applicable Credits section of a lecture, third-party content is not covered under the Creative Commons license. Please consult the Open Yale Courses Terms of Use for limitations and further explanations on the application of the Creative Commons license.

