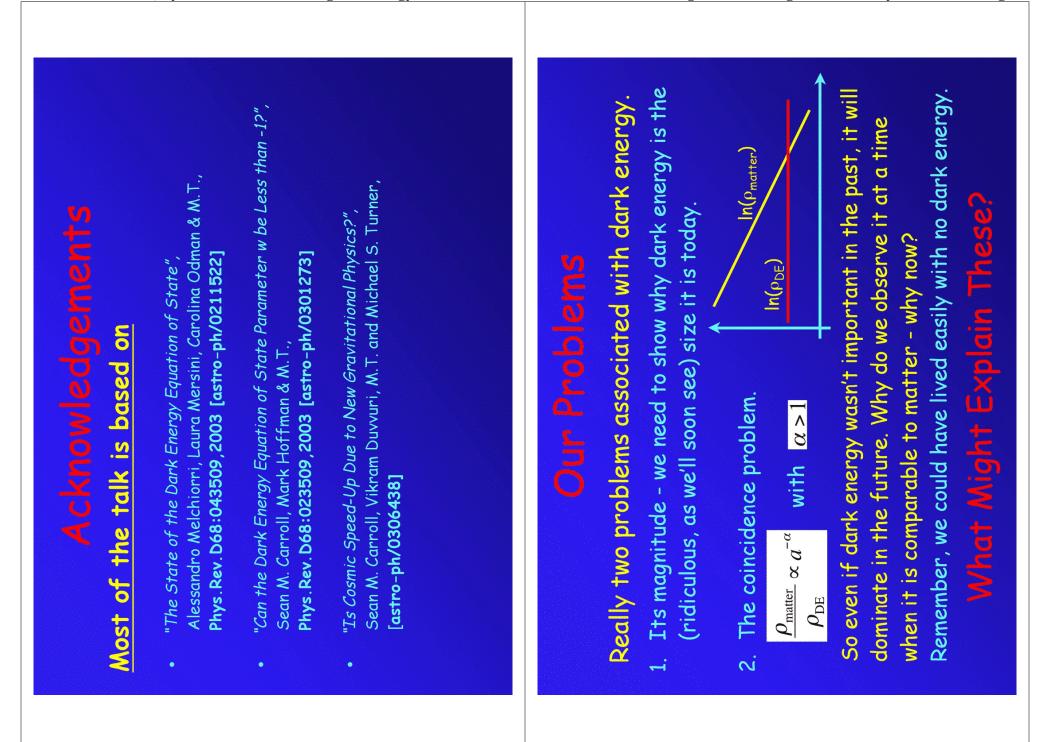
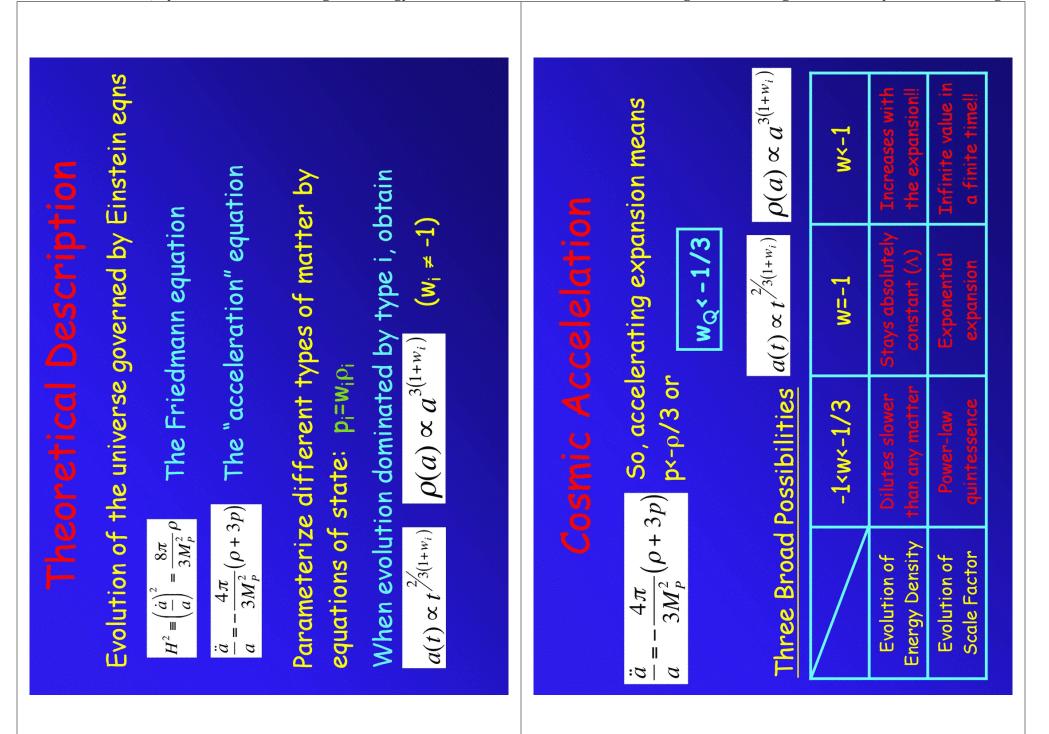
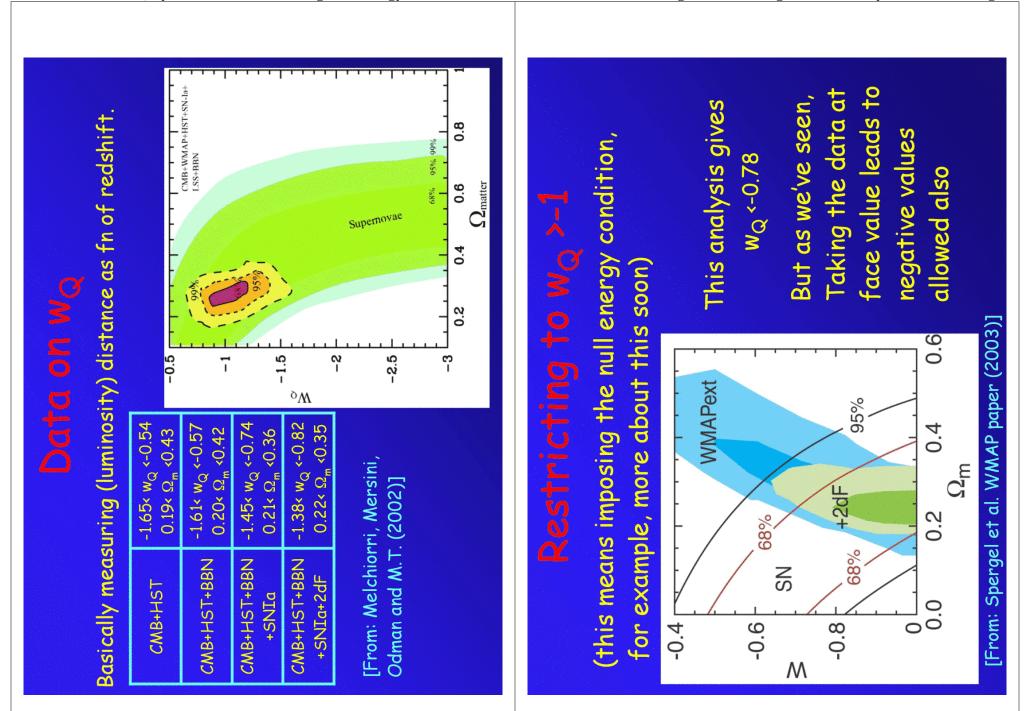
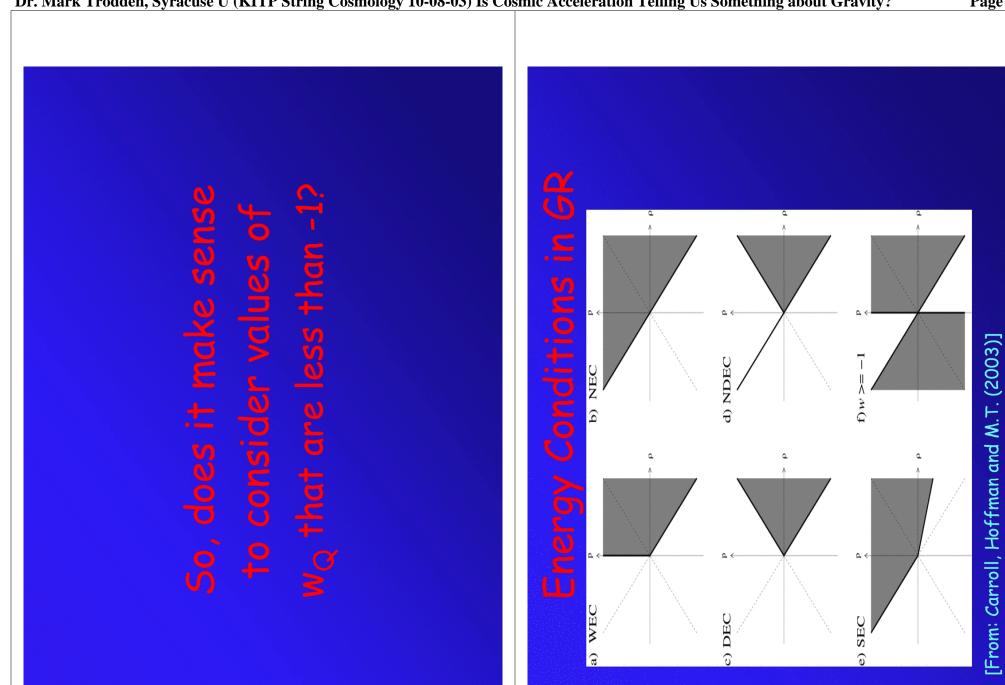


- How strange might the phenomenon driving acceleration be (w_Q<-1)? •
- <u>How are these ideas constrained by the coupling</u> to gravity? •
 - Can changing gravity yield new approaches to <u>cosmic acceleration.</u> Conclusions. •

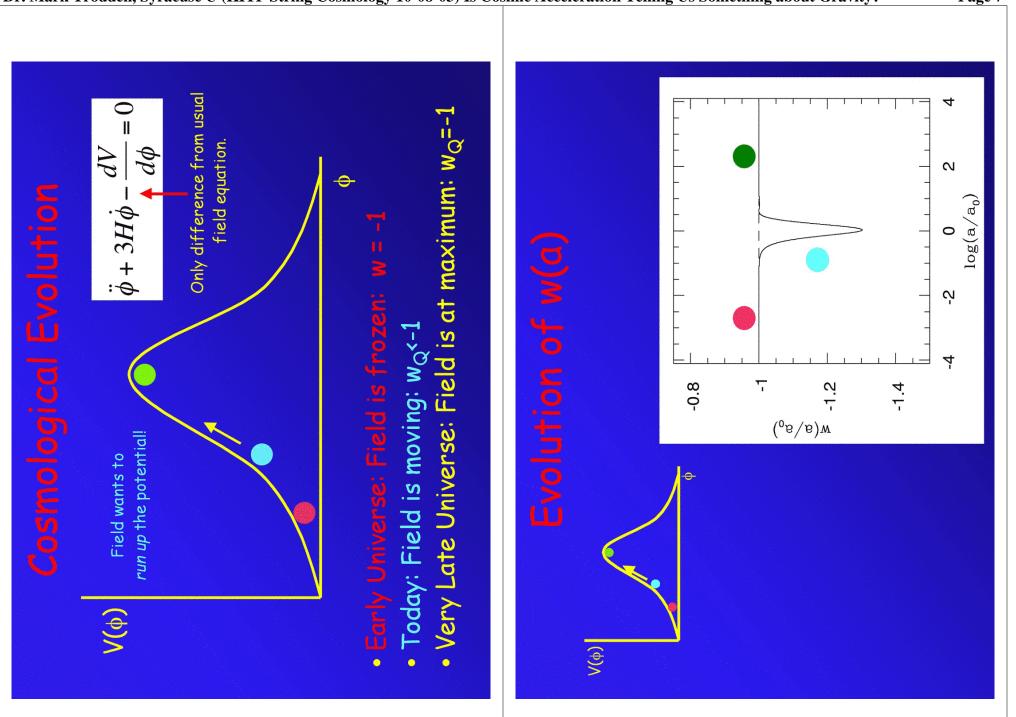


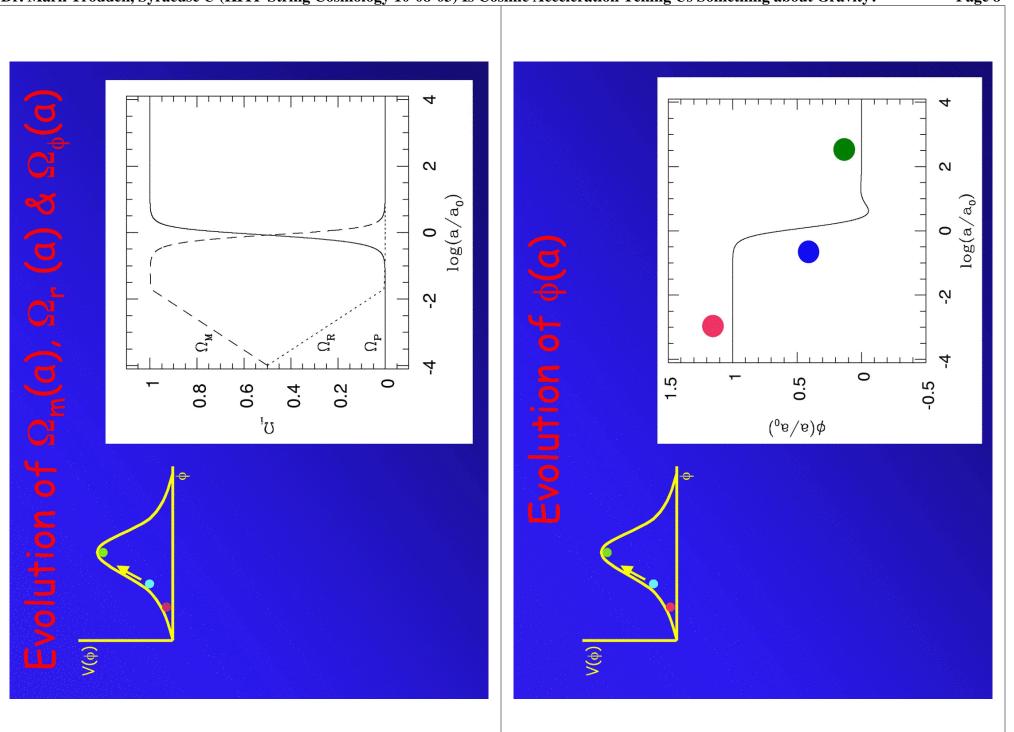


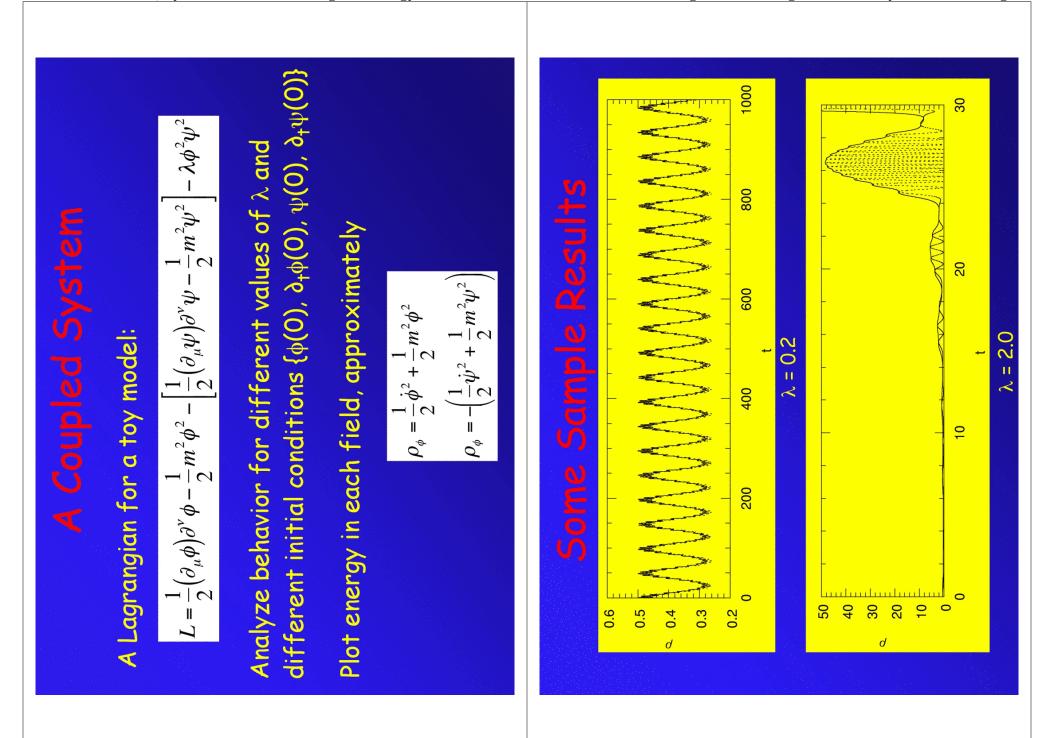


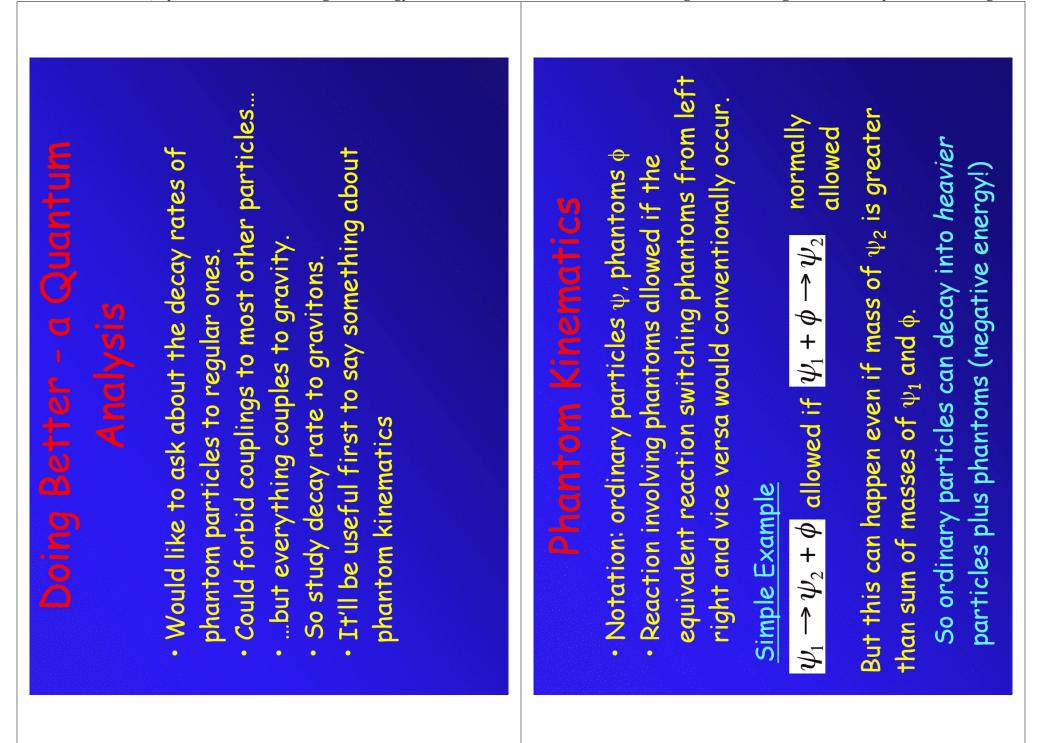


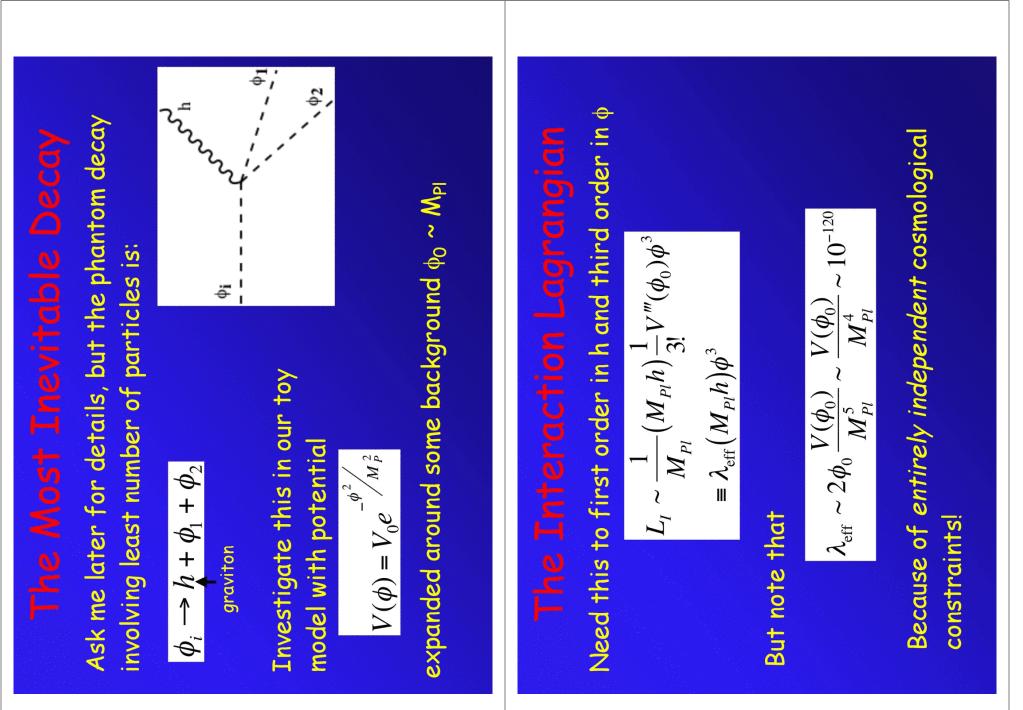


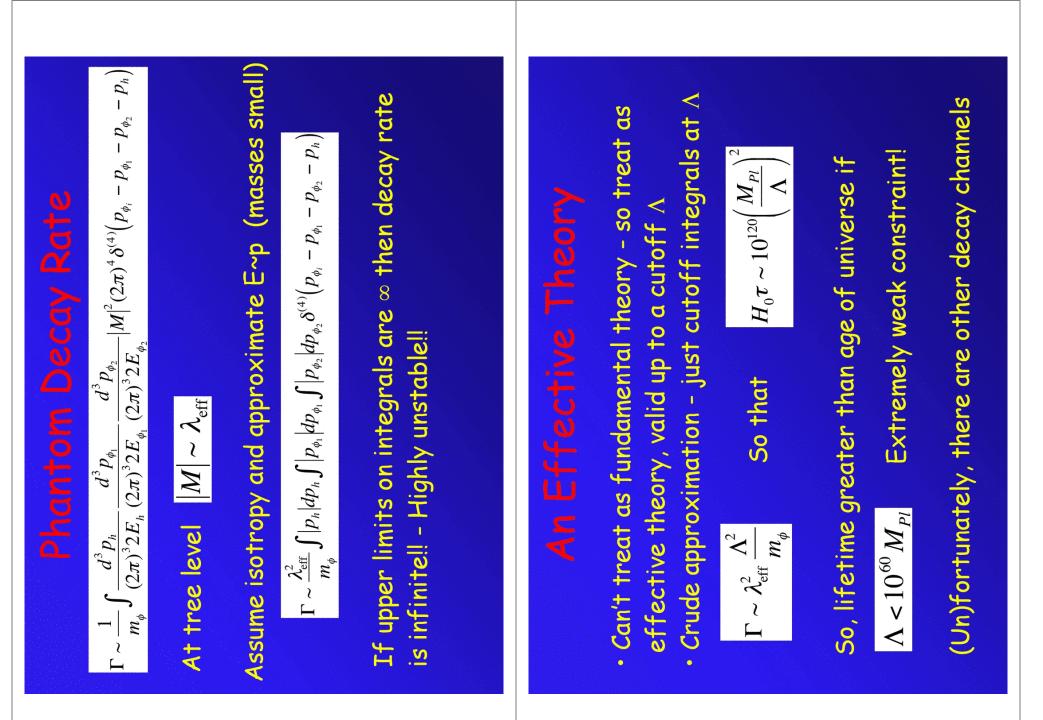




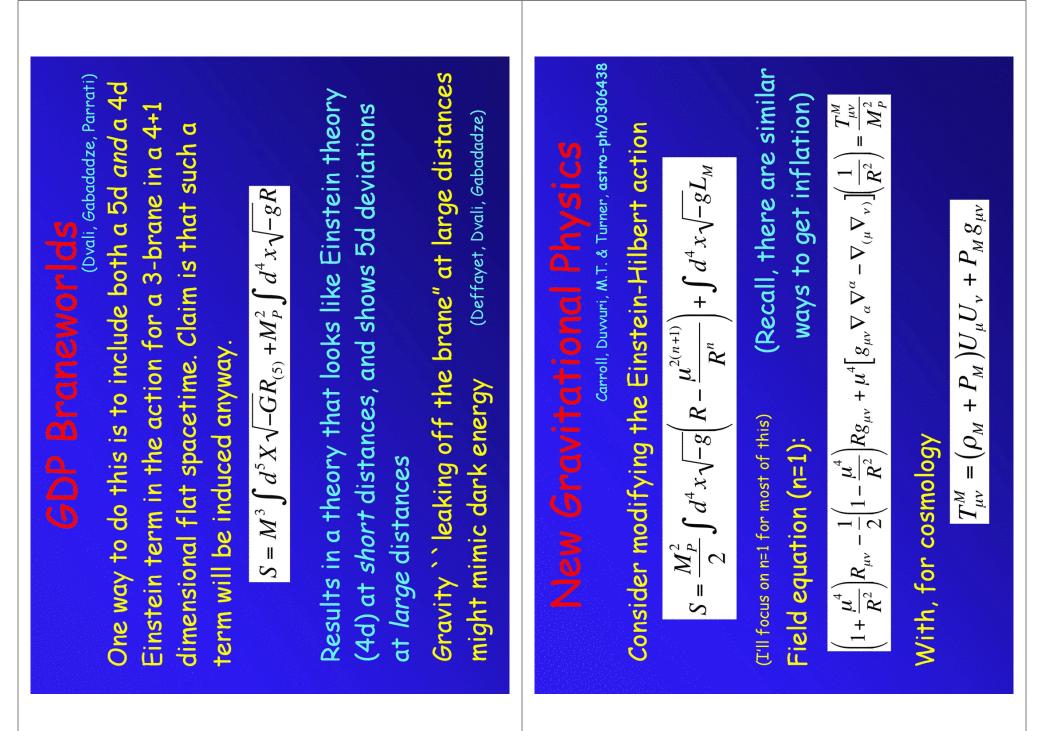


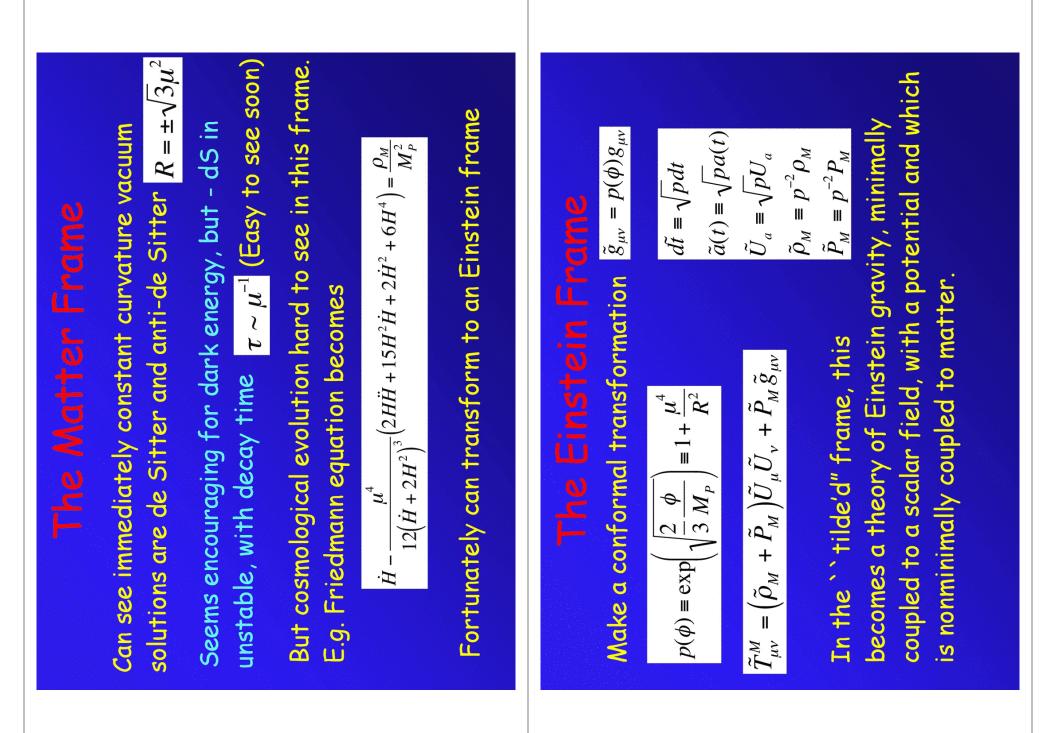


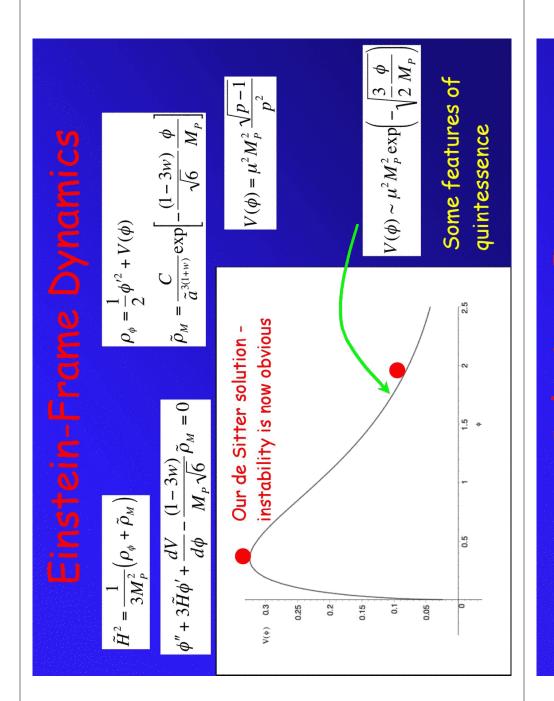










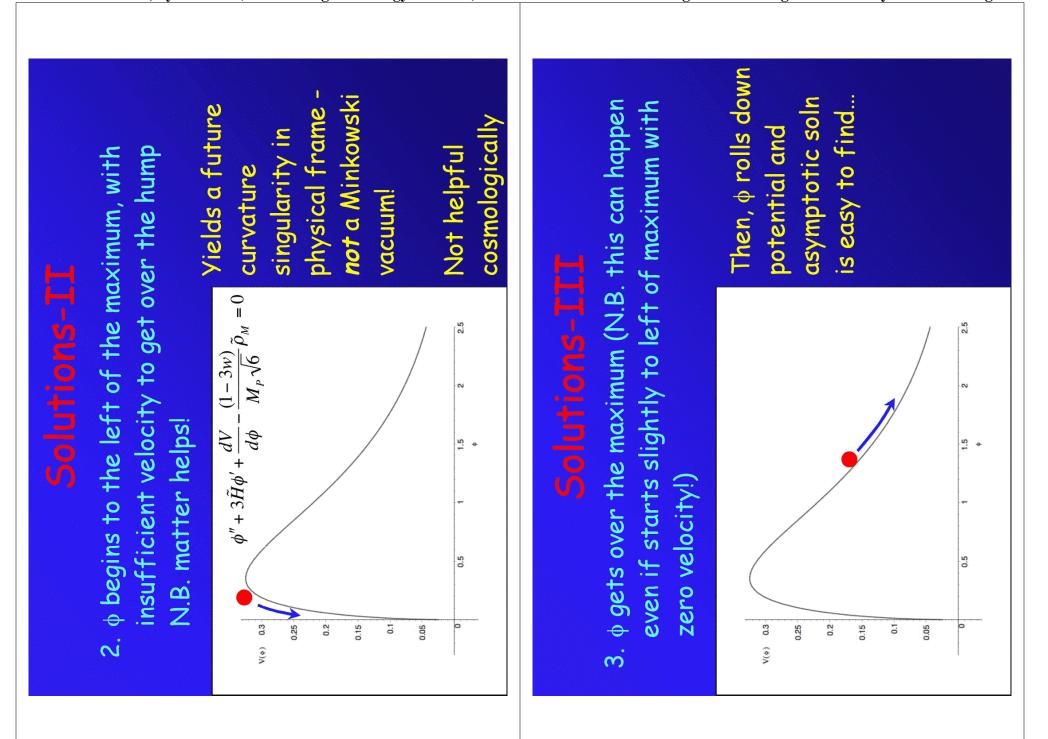


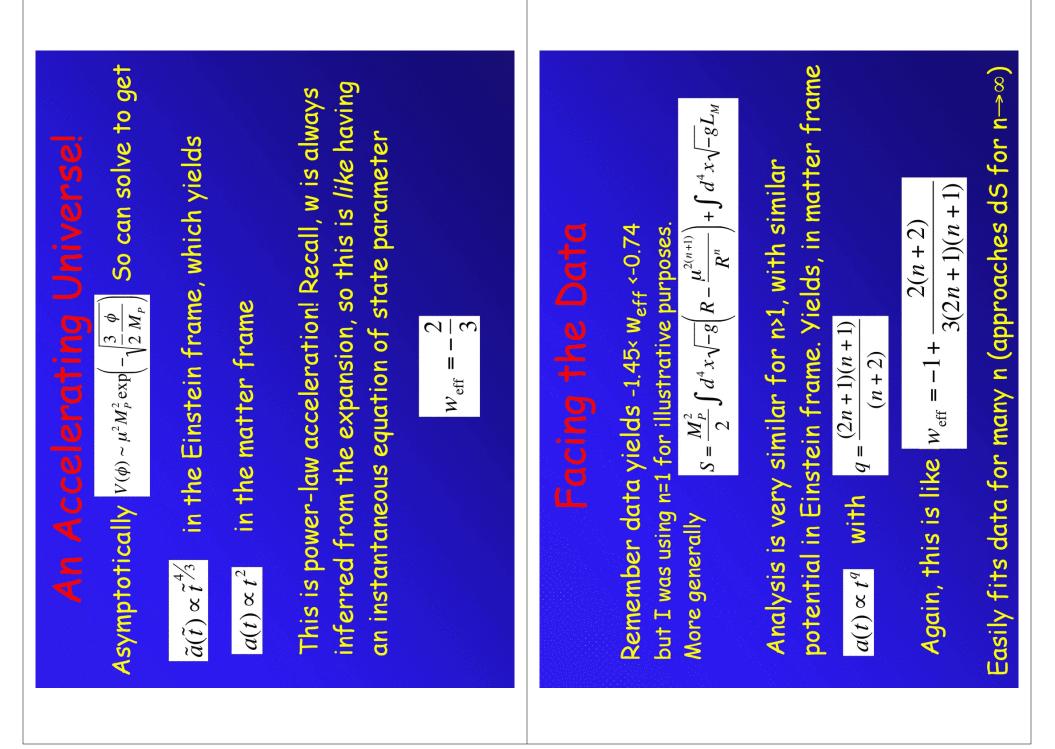
Solutions-J

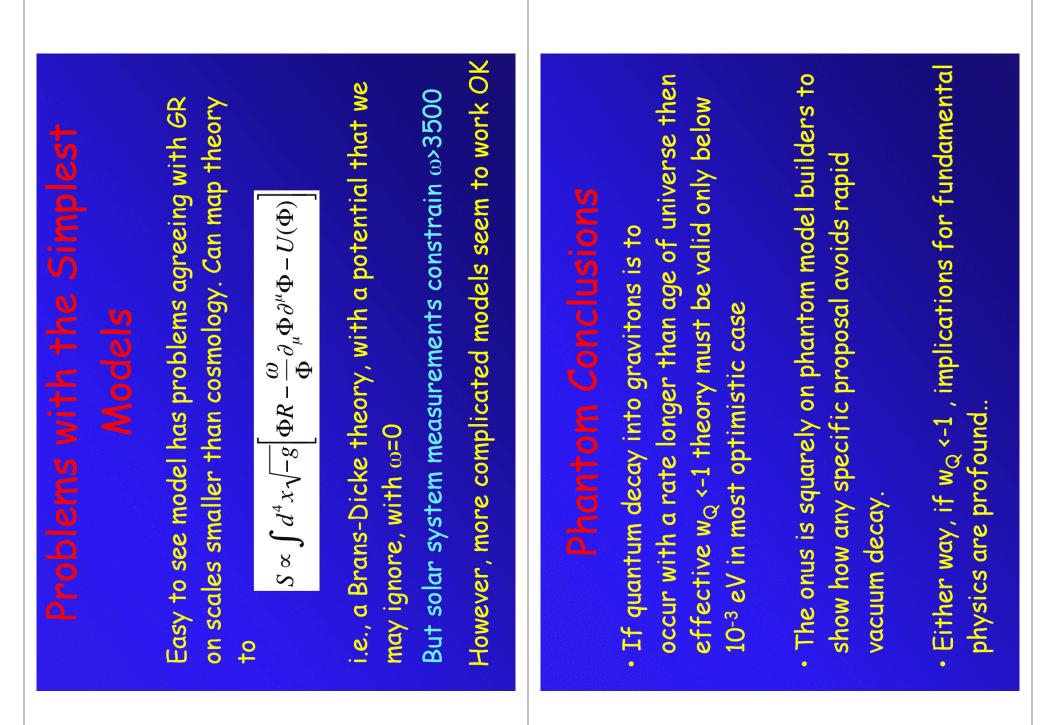
Clear in the matter frame - no Minkowski solution (can also be seen in the Einstein frame - c.f. usual case of a scalar coupled to gravity)

Solve equations in Einstein frame and transform back to physical frame.

Nevertheless, or the sits at maximum. Solution is de Sitter in both
 oth
 oth if had a good reason to start there, dS acceleration might survive to today. frames, but is unstable $\tau \sim \mu^{-1}$...







Hodified Gravity Status Have demonstrated that cosmic acceleration may arise from the gravitational sector. Simplest model fails solar system tests, but more complicated models seem to work OK Much more work in progress Terturbations, Terturbation, Terturbations, Terturbation, <p< th=""></p<>

hank You

