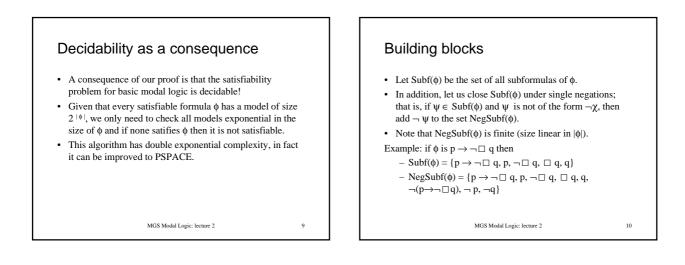


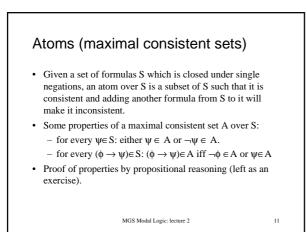
Plan of the proof

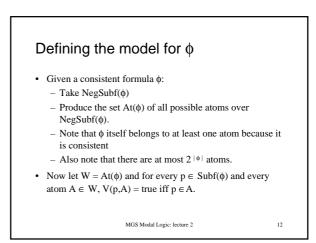
- Take a consistent formula ϕ (such that not $(\models_K \neg \phi)$
- Build a model where φ is true in one of the worlds (this going to be a model built out of φ 's subformulas)
- In addition, we build a *finite* model for φ, of bounded size (2^{|φ|}to be precise).

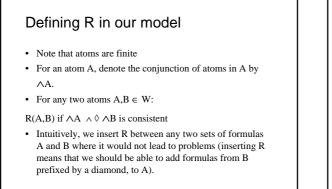
MGS Modal Logic: lecture 2

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MGS Modal Logic: lecture 2

