

CS313H
Logic, Sets, and Functions: Honors
Fall 2012

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Good Morning, Colleagues



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Are there any questions?

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- Thursday: wrap up and test review

Questions / Important Points

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- How did $T(P)$ work? IGN?

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- So EQUAL would give us a decision procedure for HELLO

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- Whole topic: “Computability Theory”

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- A matter of belief...

Undecidable Problems

- Given an initial configuration in the game of life, will it go on forever?
- Given 2 context-free grammars, are they equivalent?
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 - n odd: $\rightarrow 3n+1$