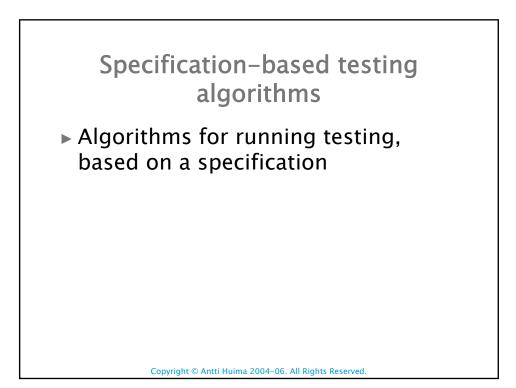
Formal Conformance Testings 2006

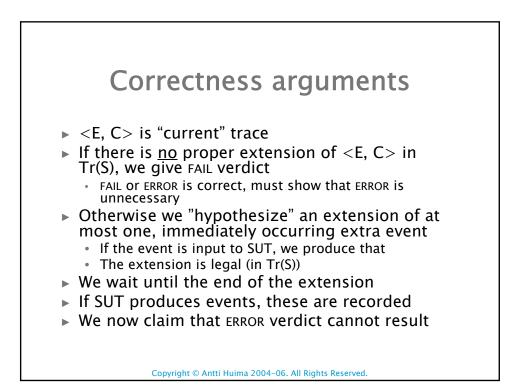
Lecture 10 2nd November 2004

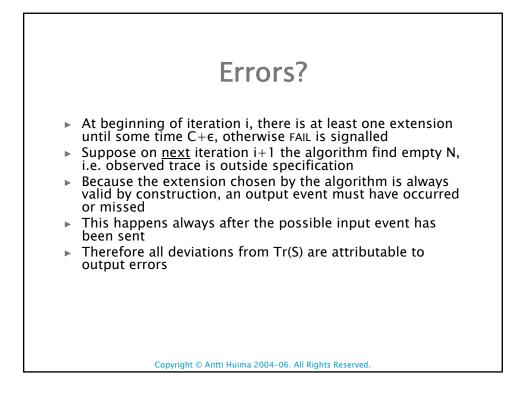


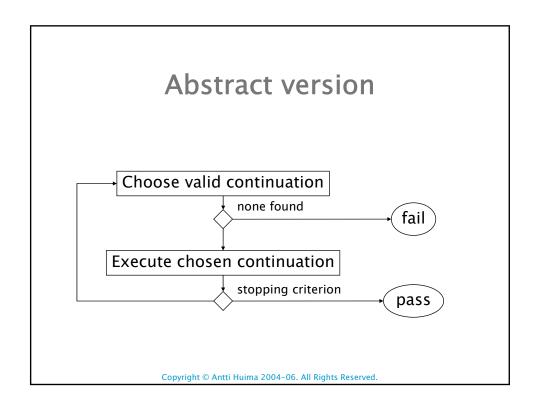
Basic on-the-fly algorithm

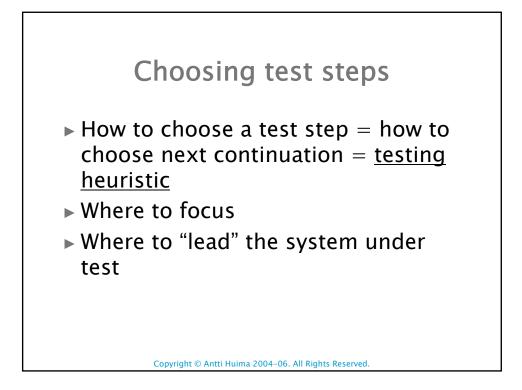
```
\begin{split} E &:= \varnothing, C := 0 \\ \hline \text{repeat} \\ X &:= \{ < E \cup < m, C >, C + \varepsilon > \mid m \in \Sigma, \varepsilon > 0, < E \cup < m, C >, C + \varepsilon > \in Tr(S) \} \\ \hline \text{wait:} \\ X_\tau &:= \{ < E, C + \varepsilon > \mid \varepsilon > 0, < E, C + \varepsilon > \in Tr(S) \} \\ N &:= X_\tau \cup X \\ if [N = \varnothing] \text{ then } \underline{FAlL} \\ if [ stopping criterion ] \text{ then } \underline{PASS} \\ \hline \text{choose } T &= < E', t > from N \\ if T|_C &\in \Sigma_{in} \text{ then } \{ \text{ send } T|_C, E := E \cup < T|_C, C > \} \\ \hline \text{wait for input until } t \\ if [ input m received at time t' (C \leq t' < t) ] \\ \hline \text{then } E := E \cup < m, t' >; C := t'; X := \varnothing; \text{ goto wait} \\ \hline \text{else } C := t \end{split}
```

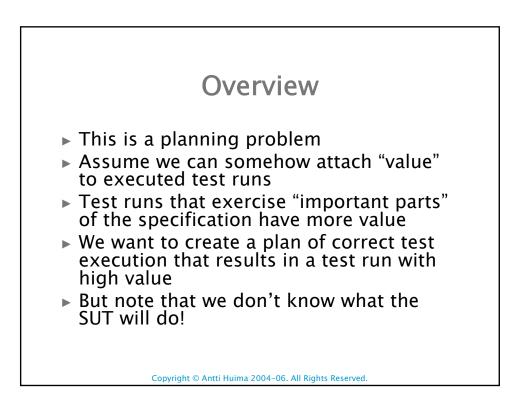
Copyright © Antti Huima 2004-06. All Rights Reserved.

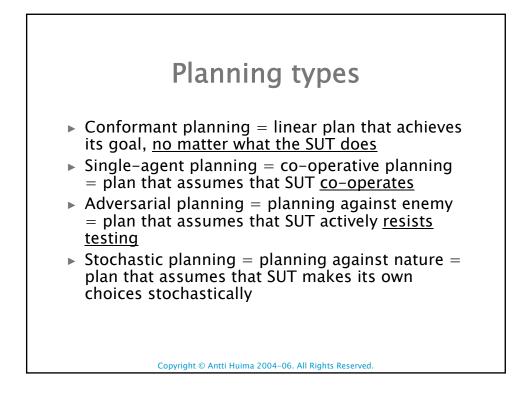


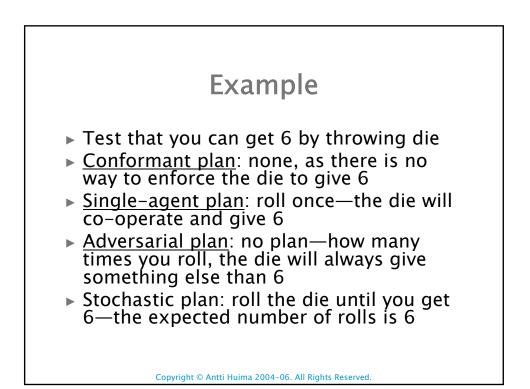


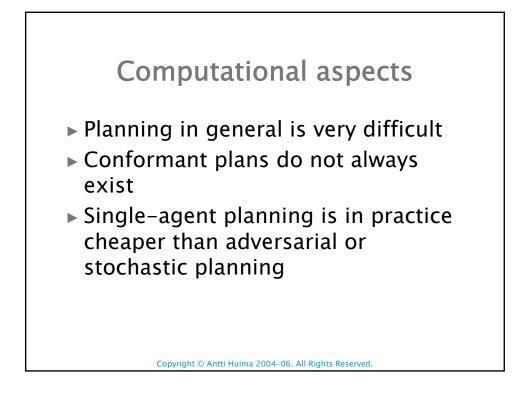


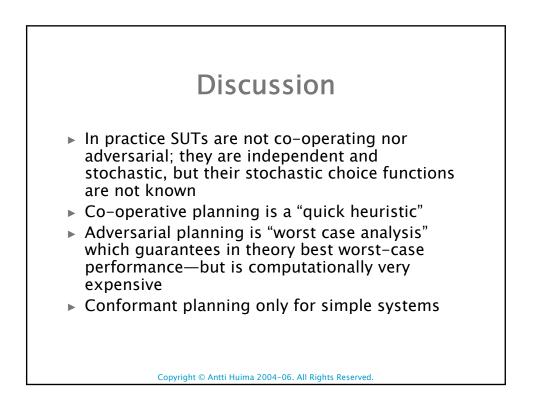


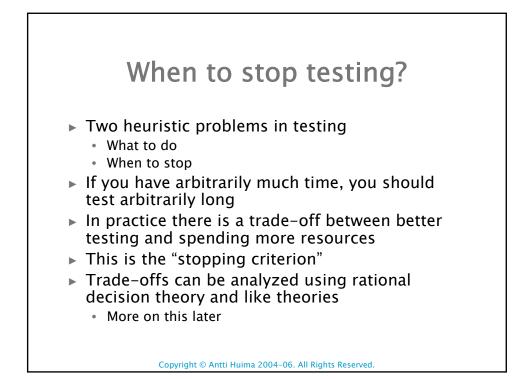


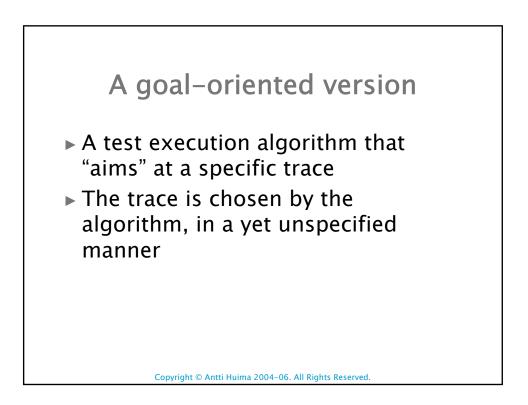


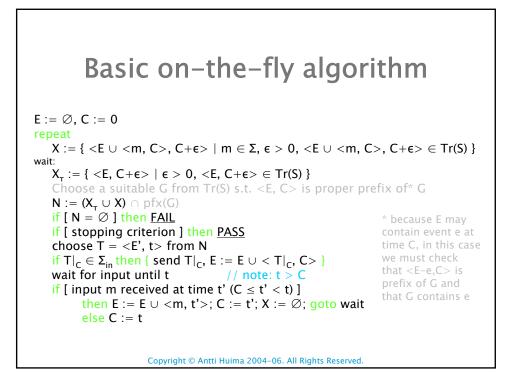


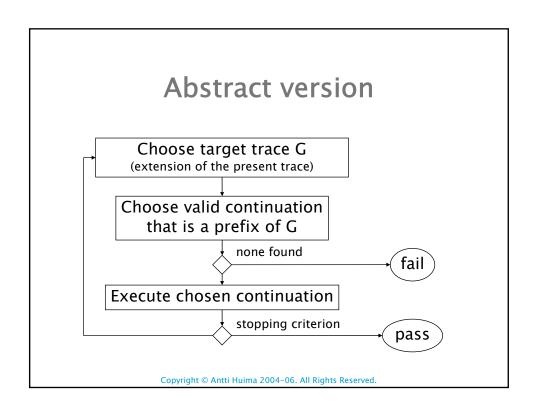


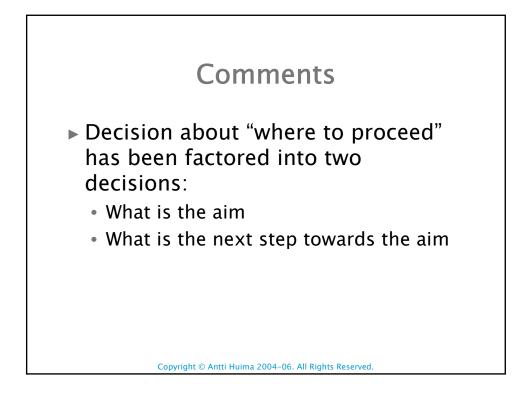


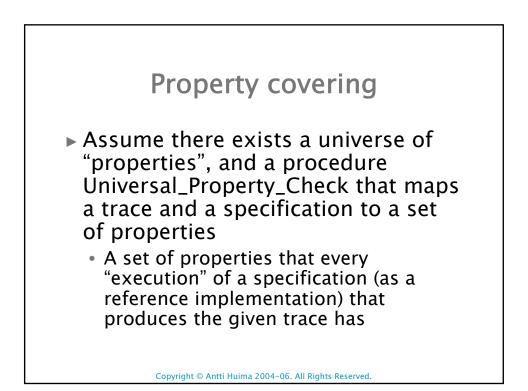


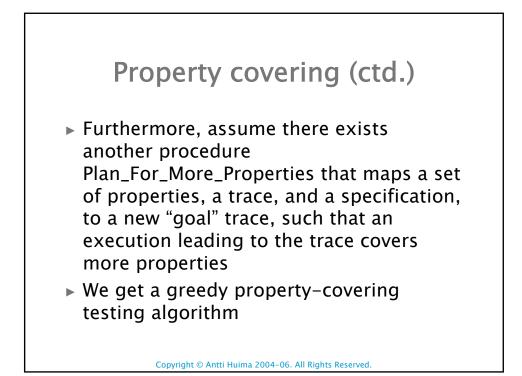


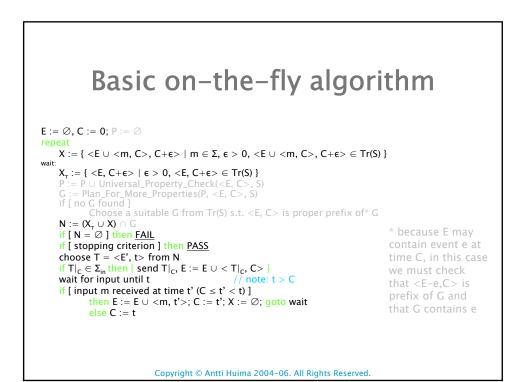


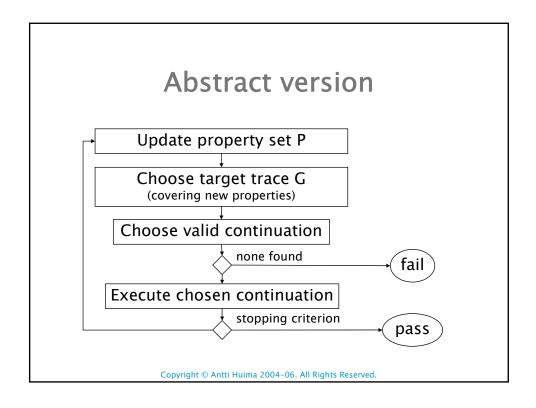


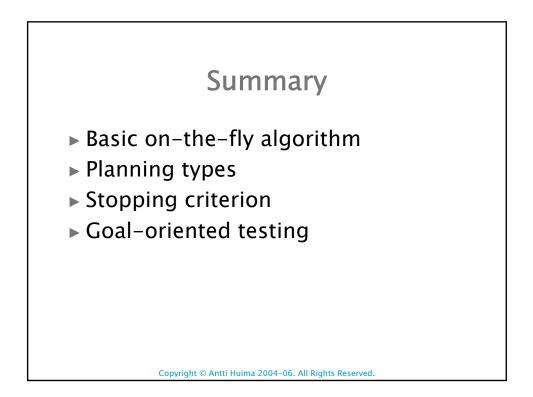






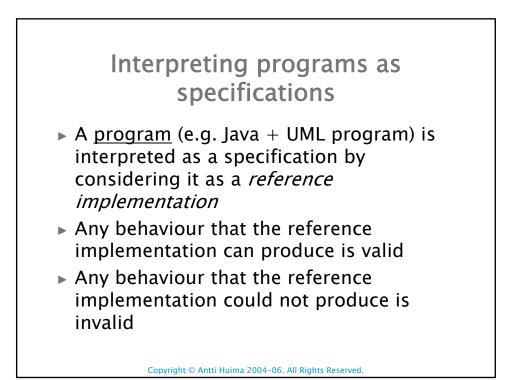


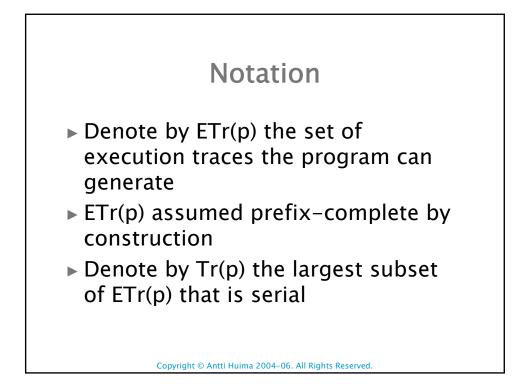


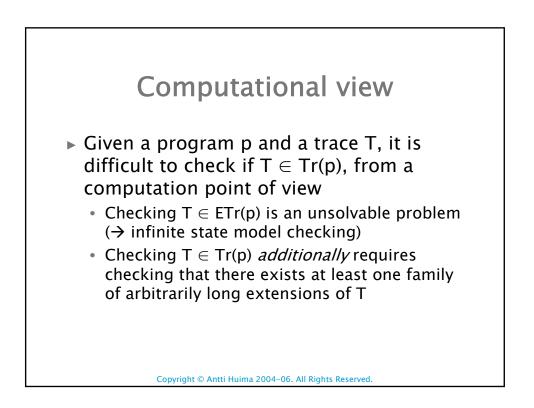


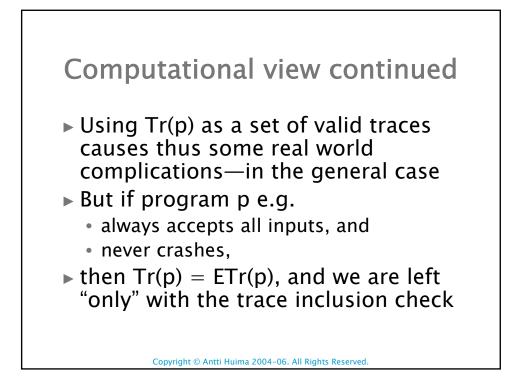
Formal Conformance Testing 2006

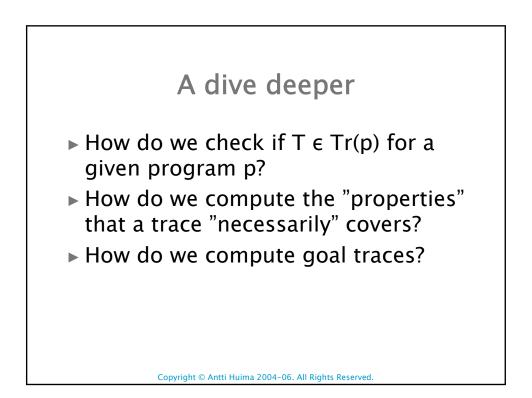
Lecture 13 9th Nov 2006

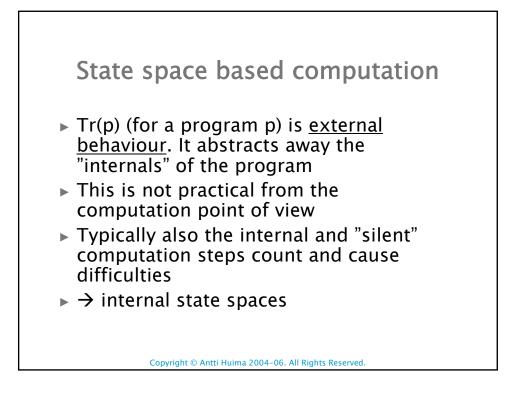


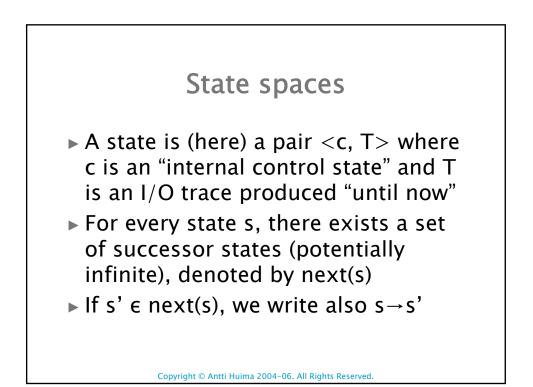


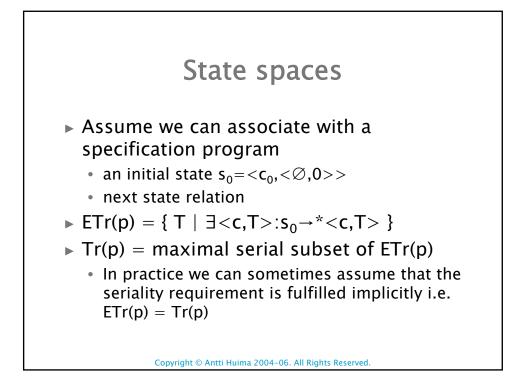


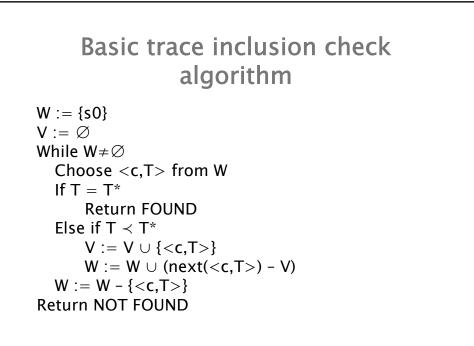


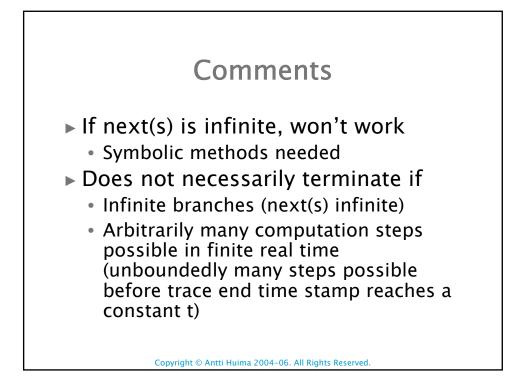


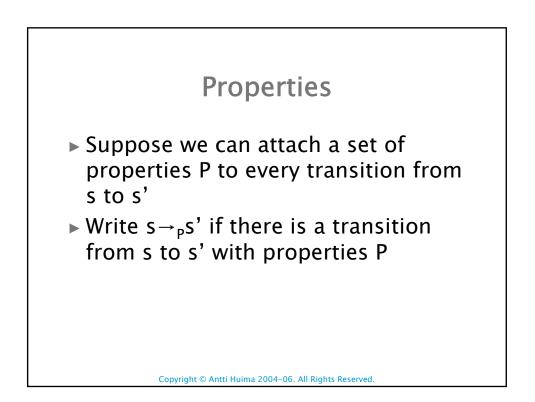


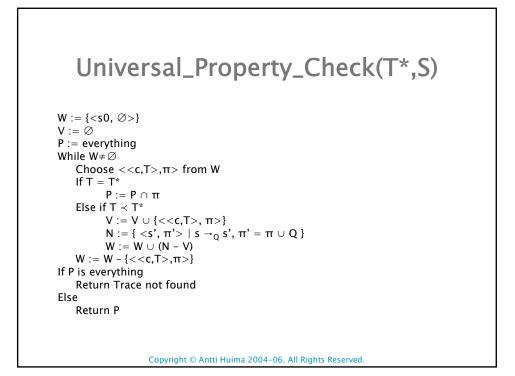


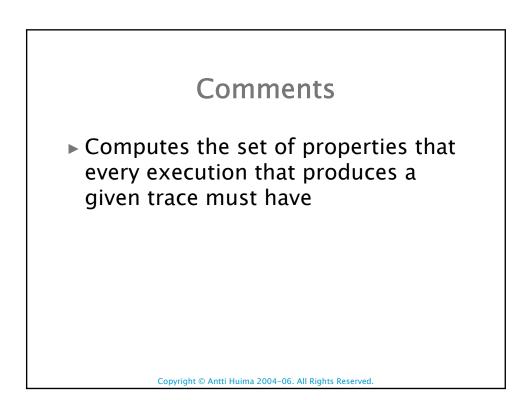


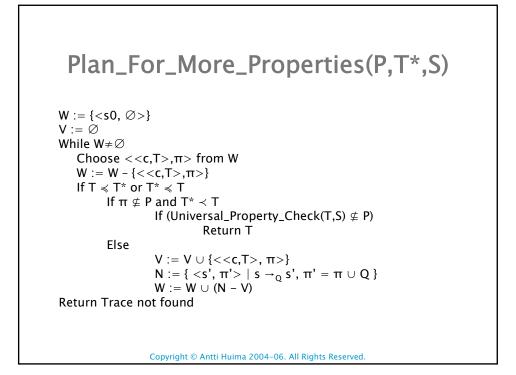


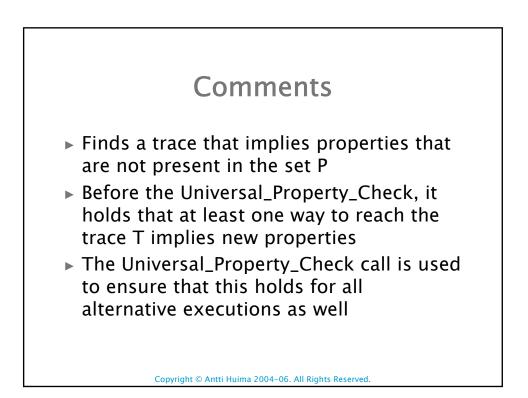


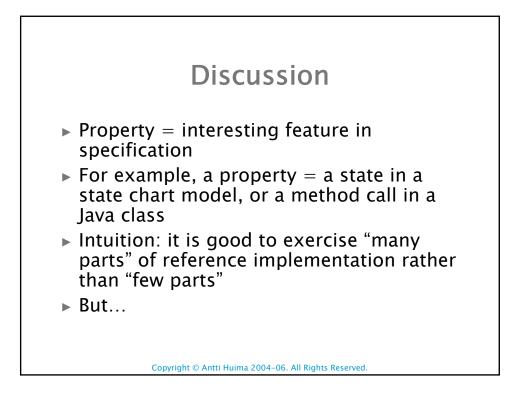


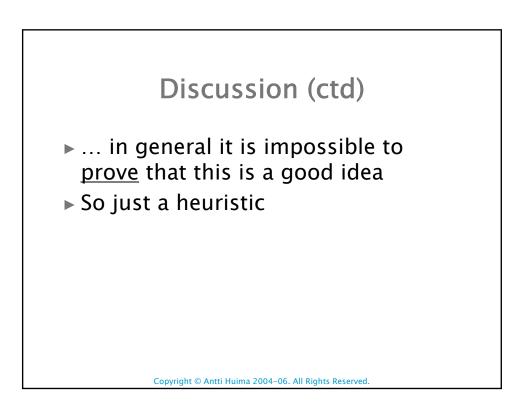


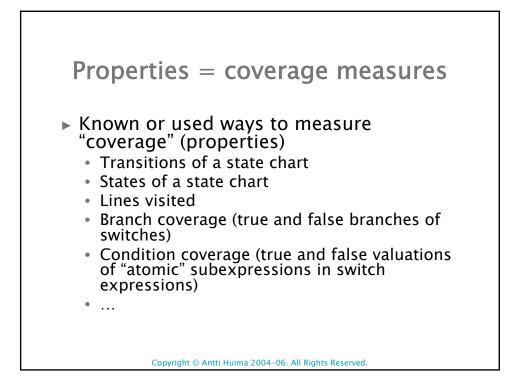


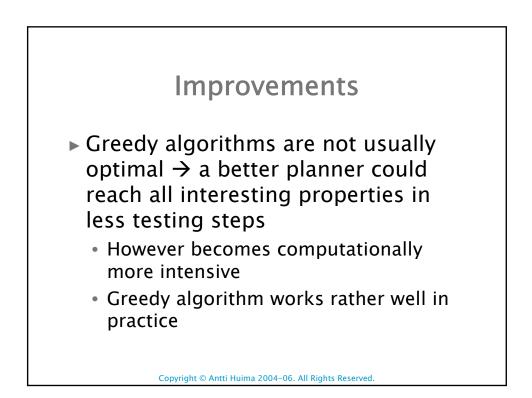






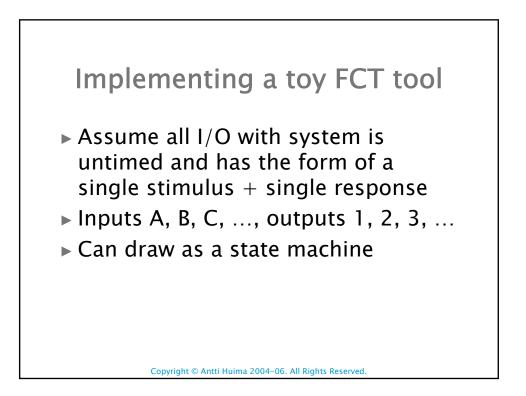


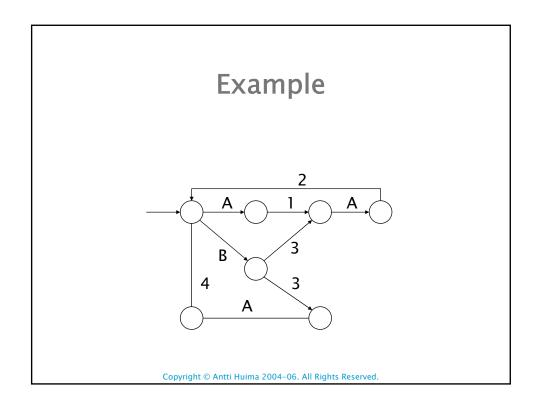


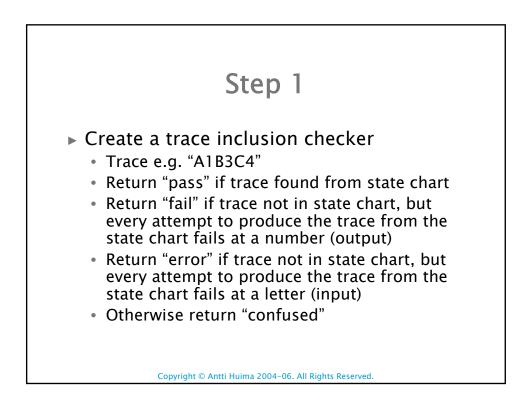


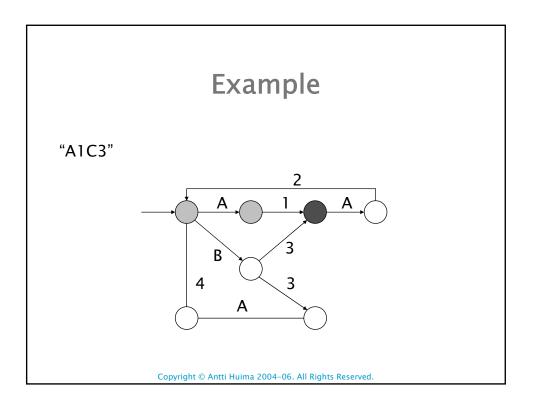
Formal Conformance Testing 2006

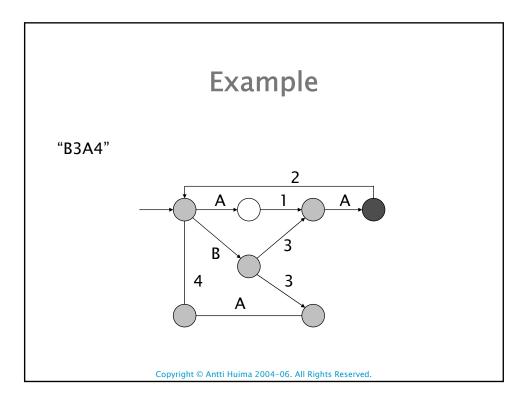
Lecture 12 16th Nov 2006

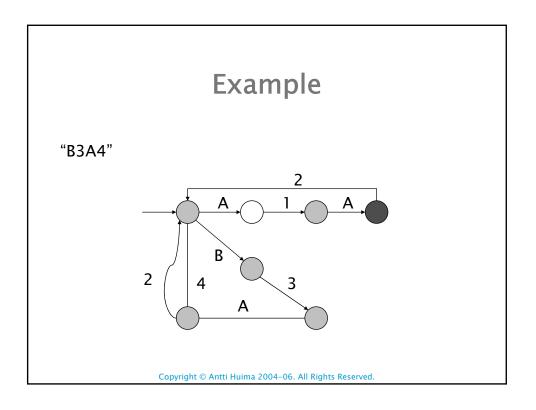


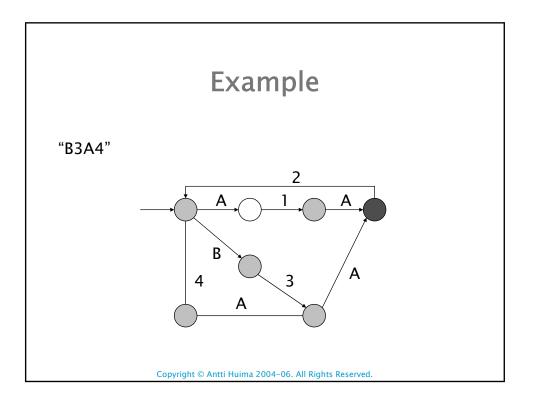


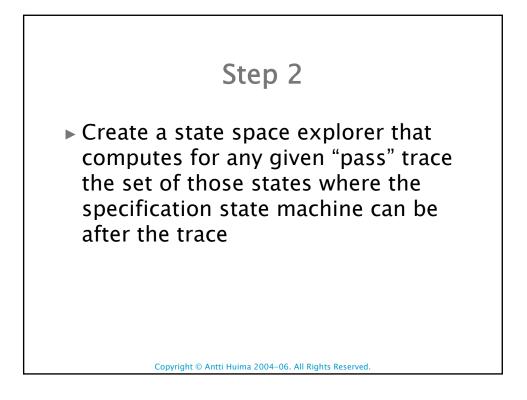


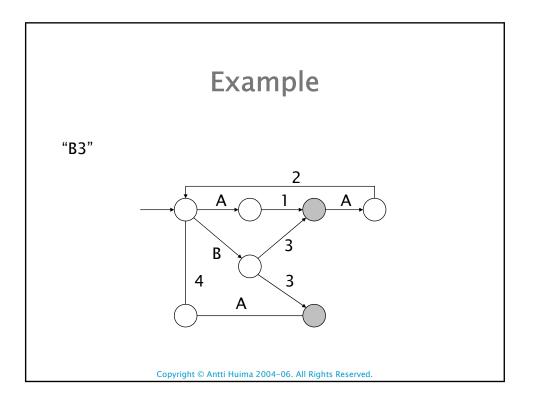


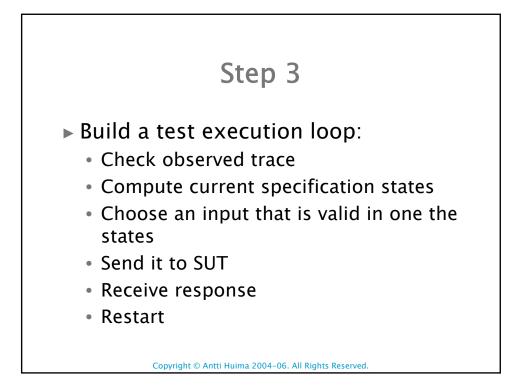


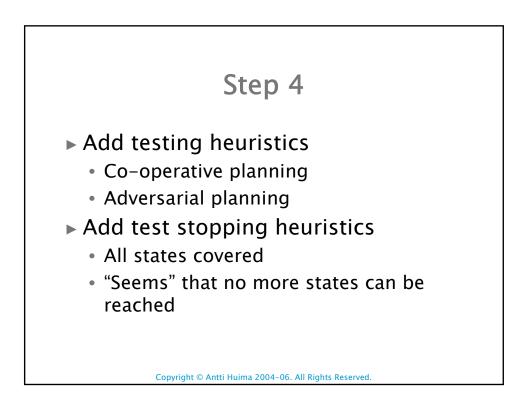


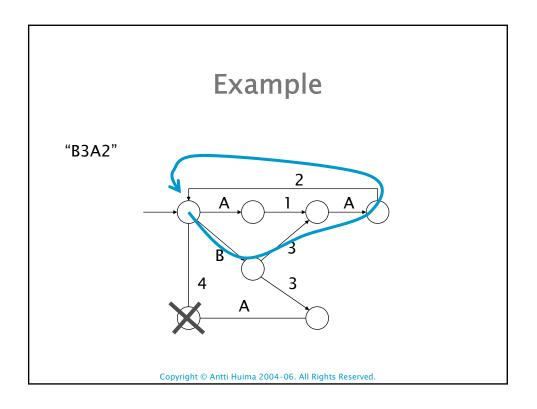


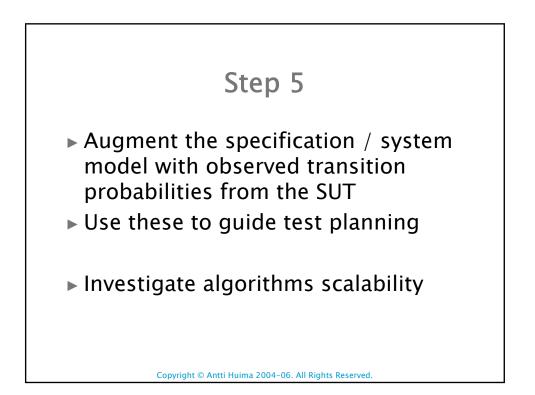


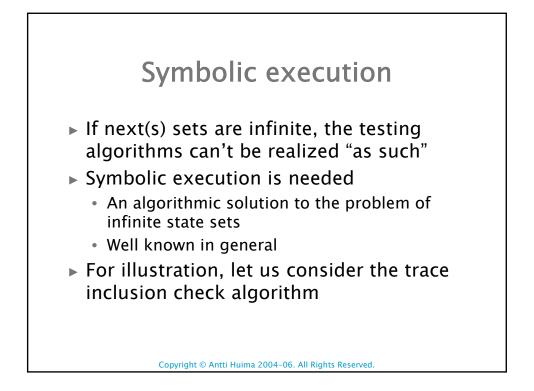


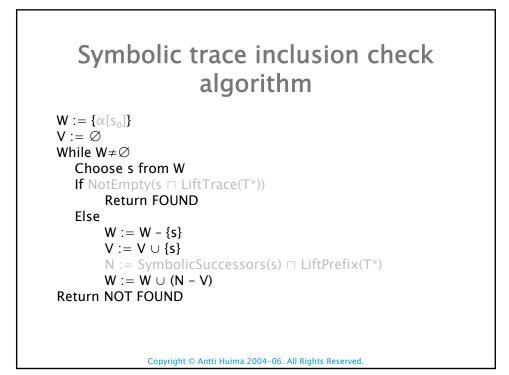


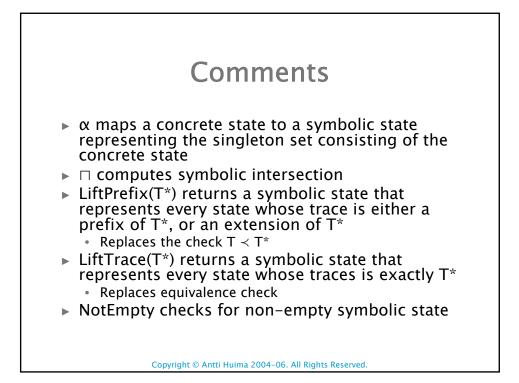


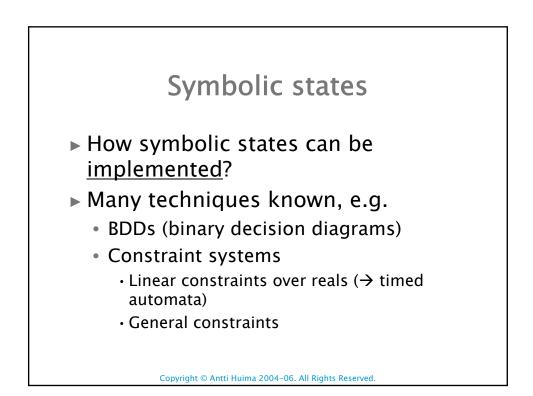


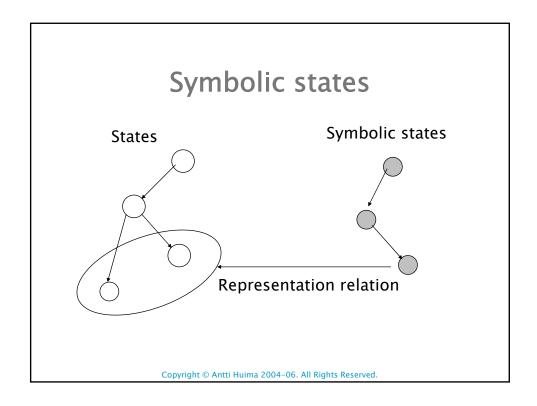


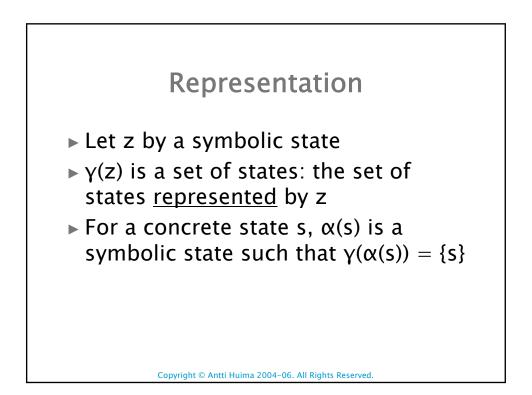


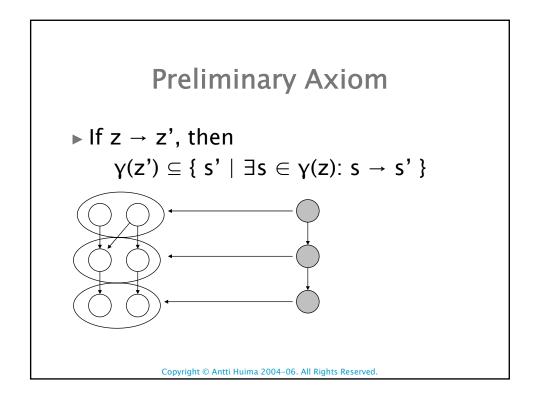


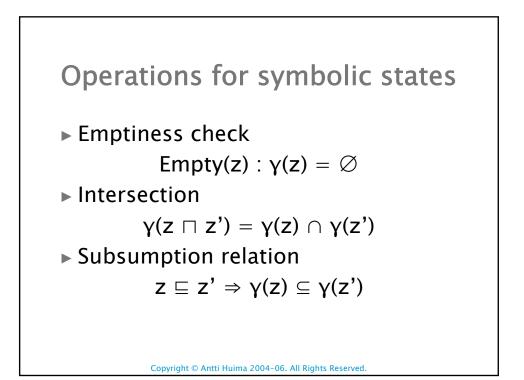


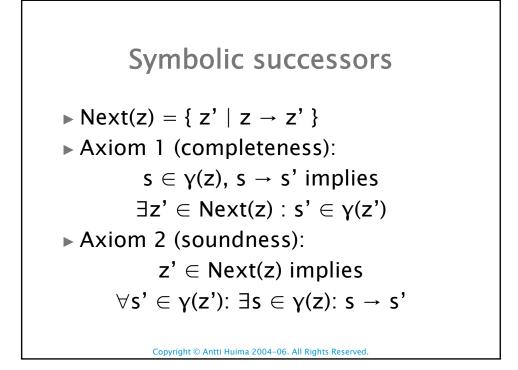


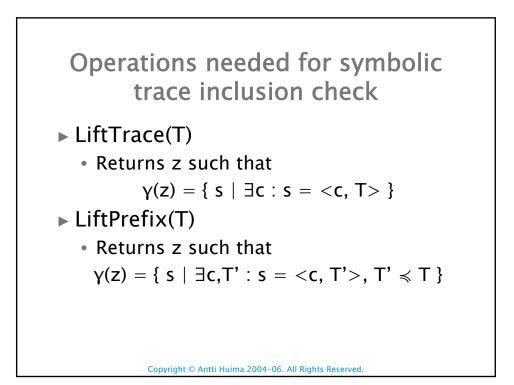


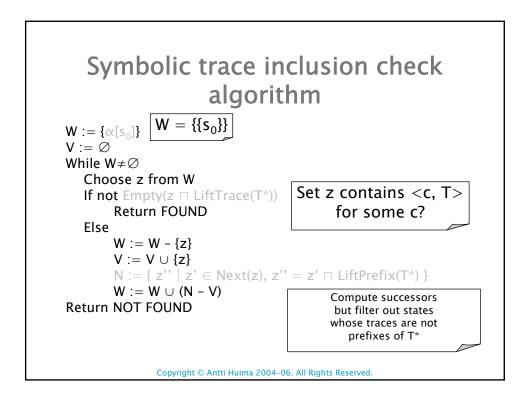


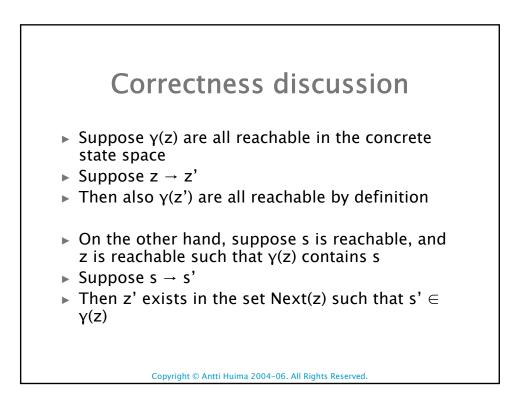


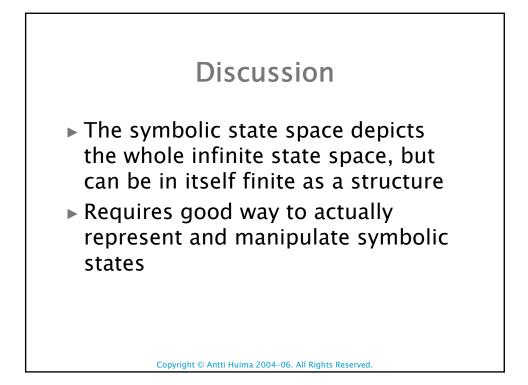


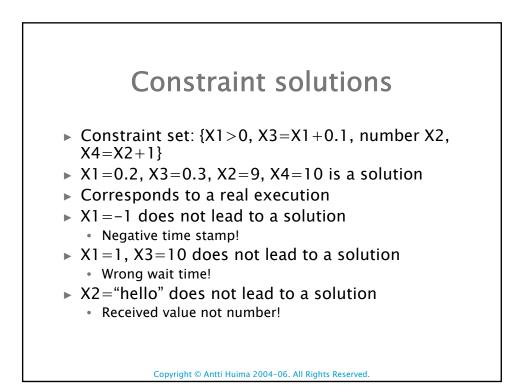


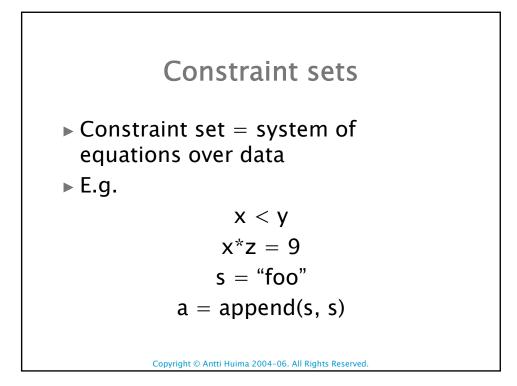


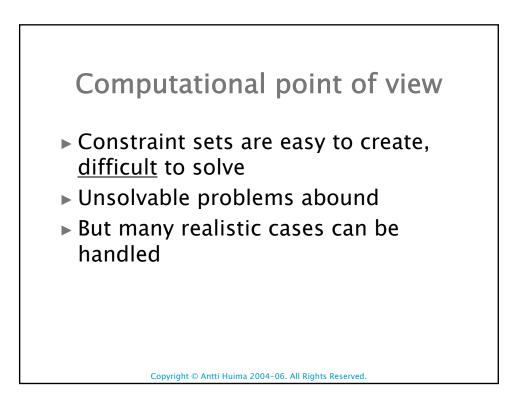


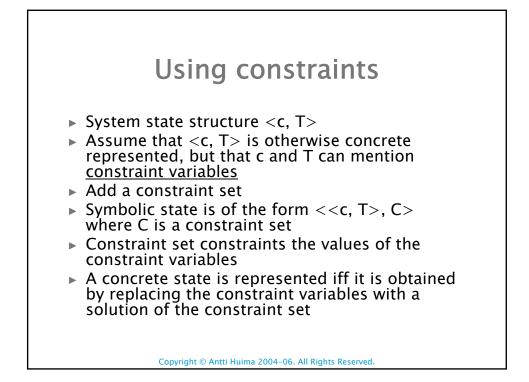


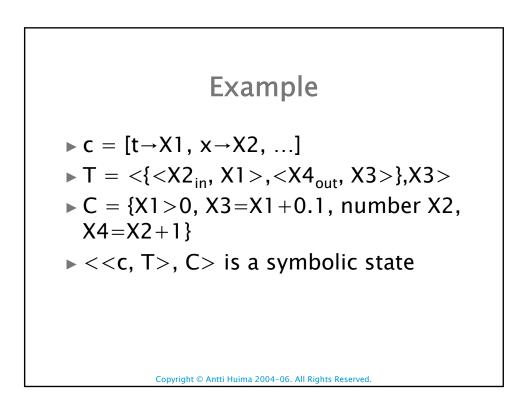


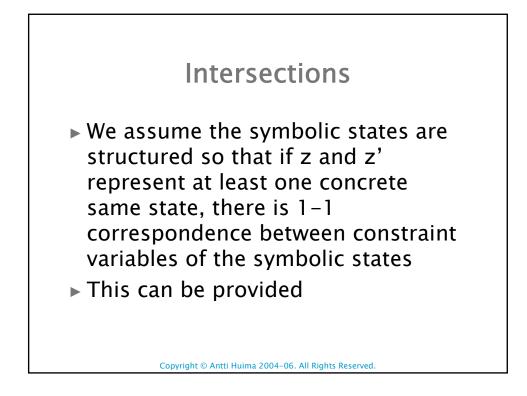


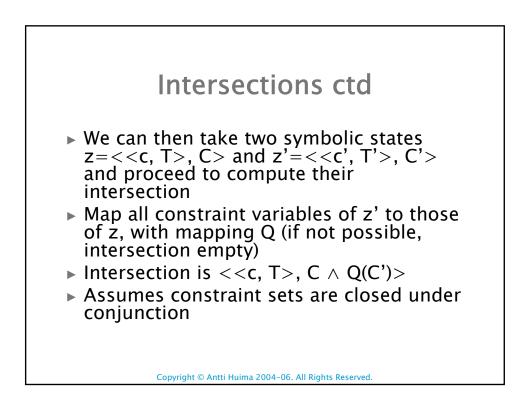


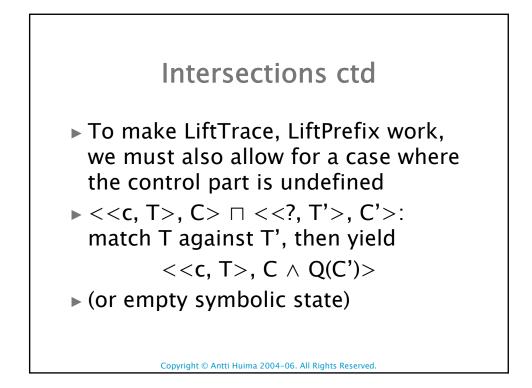


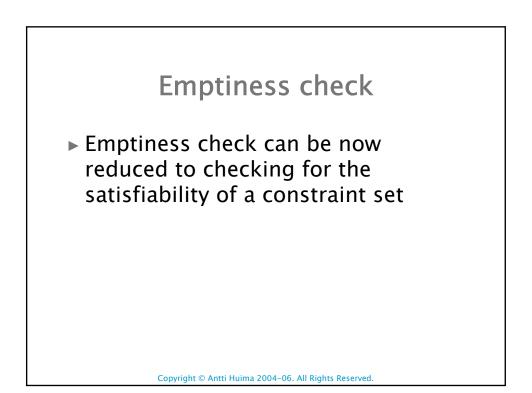


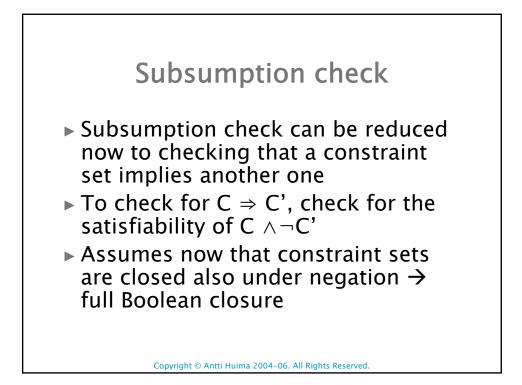


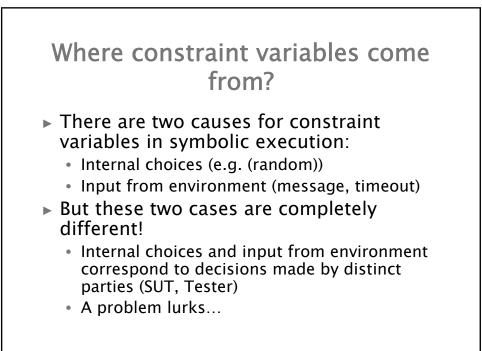


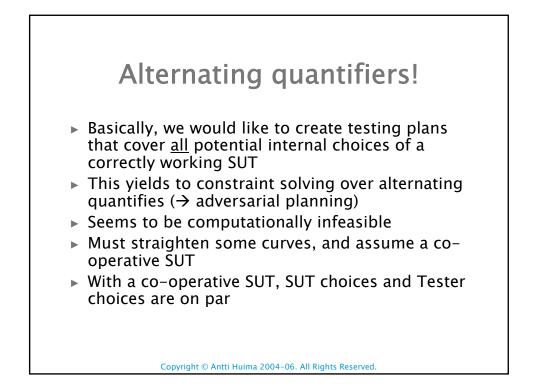


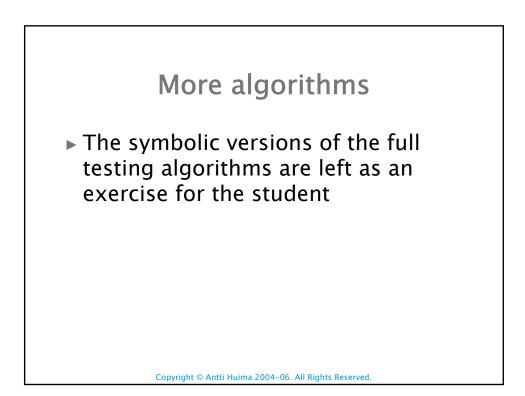












Formal Conformance Testing 2006

LAST LECTURES 30th Nov 2006

