

Lecture 3 Outline

Reading: *text*, §3.3, 3.4

1. *de facto* rules
 - a. $\text{can}\bullet\text{know}(\mathbf{x}, \mathbf{y}, G_0)$
 - b. *rw*-terminal, *rw*-initial spans
 - c. Connections
 - d. Necessary and sufficient conditions for $\text{can}\bullet\text{know}(\mathbf{x}, \mathbf{y}, G_0)$ to hold
2. Schematic Protection Model
 - a. Protection type, ticket, function, link predicate, filter function
 - b. Take-Grant as an instance of SPM
 - c. Create rules and attenuation
3. Safety analysis
 - a. Definitions
 - b. path^h predicate, capacity flow function
 - c. Capacity
 - d. Maximal state