Outline for April 12, 2013

Reading: §3.4

Assignments due: Homework #1, due April 12, 2013

1. 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
2. Safety analysis
   a. Definitions
   b. $path^b$ predicate
   c. Capacity flow function
   d. Maximal state: definition, existence, derivability
3. Acyclic attenuating schemes and decidability
4. Expressive power
   a. SPM and HRU
   b. ESPM and multiparent create
   c. Simulation and expressiveness