

January 17, 2023 Outline

Reading: *text*, §3.4–3.6

Assignments: Homework #1, due January 24
Project Selection, due January 26

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
 - (d) Definitions
 - (e) $path^h$ predicate
 - (f) Capacity flow function
 - (g) Maximal state: definition, existence, derivability
2. Acyclic attenuating schemes and decidability
3. Expressive power
 - (a) SPM and HRU
4. Typed access control model (TAM)