

June 5, 2017 Outline

Reading: *text*, §8

Due: Homework #4, June 7
Final project, June 7

1. Overview of policy composition
2. Deterministic noninterference
 - a. Model of system
 - b. Example
 - c. Relationship of output to states
 - d. Projections and purge functions
3. Alternative definition of security policy
 - a. Output-consistent
 - b. Security policy
 - c. Alternate projection function
 - d. Noninterference-secure with respect to the policy r
4. Unwinding Theorem
 - a. Locally respects
 - b. Transition-consistent
 - c. Unwinding theorem
5. Access Control Matrix interpretation
 - a. Model
 - b. ACM conditions
 - c. Policy conditions
 - d. Result