

February 16, 2024 Outline

Reading: *text*, §8.5, 9.1–9.2

Assignments: Project Progress Report, due February 16; Homework #3, due February 21
Extra Credit #D, due February 23

Module 32 (Reading: [WB04])¹

1. Traducement
 - (a) Problem of recordation
 - (b) Requirements of solution
 - (c) Ideas, entities, and rules
 - (d) Proposition and theorems
 - (e) Naming
 - (f) Validation of model
 - (g) Consequences
 - i. Practice and use
 - ii. Assumptions

Module 33 (Reading: *text*, §8.5)

2. Break-the-glass policies

Module 34 (Reading: *text*, §9.1)

3. Problem with instantiation of Bell-LaPadula Model
 - (a) Covert channel example: what is “writing”?
 - (b) Composition of lattices
 - (c) Principles of autonomy and security

Module 35 (Reading: *text*, §9.2)

4. Deterministic noninterference
 - (a) Model of system
 - (b) Example
 - (c) Relationship of output to states
 - (d) Projections and purge functions

¹See the handout page in Canvas