February 11, 2022 Outline

Reading: *text*, §8.28.4; paper *traduce.pdf*   **Assignments:** Progress Report, due February 11
Homework 3, due February 18

Module 34

1. Clinical Information System Security model

   (a) Intended for medical records; goals are confidentiality, authentication of annotators, and integrity

   (b) Patients, personal health information, clinician

   (c) Assumptions and origin of principles

   (d) Access principles

   (e) Creation principle

Module 35

2. ORCON

   (a) Originator controls distribution

   (b) DAC, MAC inadequate

   (c) Solution is combination

   (d) Examples of DRM (including how *not* to do it!)

Module 36

3. Role-based Access Control (RBAC)

   (a) Definition of role

   (b) Partitioning as job function

   (c) Axioms

   (d) Containment and other uses

   (e) $RBAC_0$, $RBAC_1$, $RBAC_2$, $RBAC_3$

Module 37

4. Traducement

   (a) Problem of recordation

   (b) Requirements of solution