

April 3, 2026 Outline

Reading: *text*, §3.3–3.4

Due: Homework #1, due April 10; Project selection, due April 17

1. Conspiracy
 - (a) What is of interest?
 - (b) Access, deletion sets
 - (c) Conspiracy graph
 - (d) Number of conspirators
2. Schematic Protection Model
 - (a) Protection type, ticket, function, link predicate, filter function
3. 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
4. Acyclic attenuating schemes and decidability