

## April 10, 2017 Outline

**Reading:** *Chapters from revised text*, §3.3–3.4

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
2. Safety analysis
  - a. Definitions
  - b.  $path^h$  predicate
  - c. Capacity flow function
  - d. Maximal state: definition, existence, derivability
3. Acyclic attenuating schemes and decidability