

# IS 2150 / TEL 2810

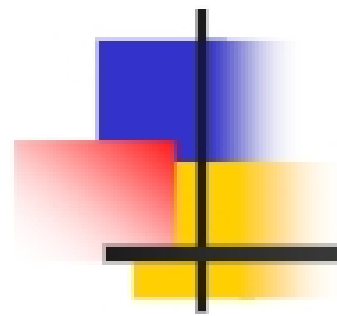
## Introduction to Security



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Access Control Model  
Foundational Results



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Access Control Matrix



# Protection System

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- State of a system
  - Current values of
    - memory locations, registers, secondary storage, etc.
    - other system components
- Protection state (P)
  - A system state that is considered secure
- A protection system
  - Captures the conditions for state transition
  - Consists of two parts:
    - A set of generic rights
    - A set of commands