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# CSE 322: Nondeterminism

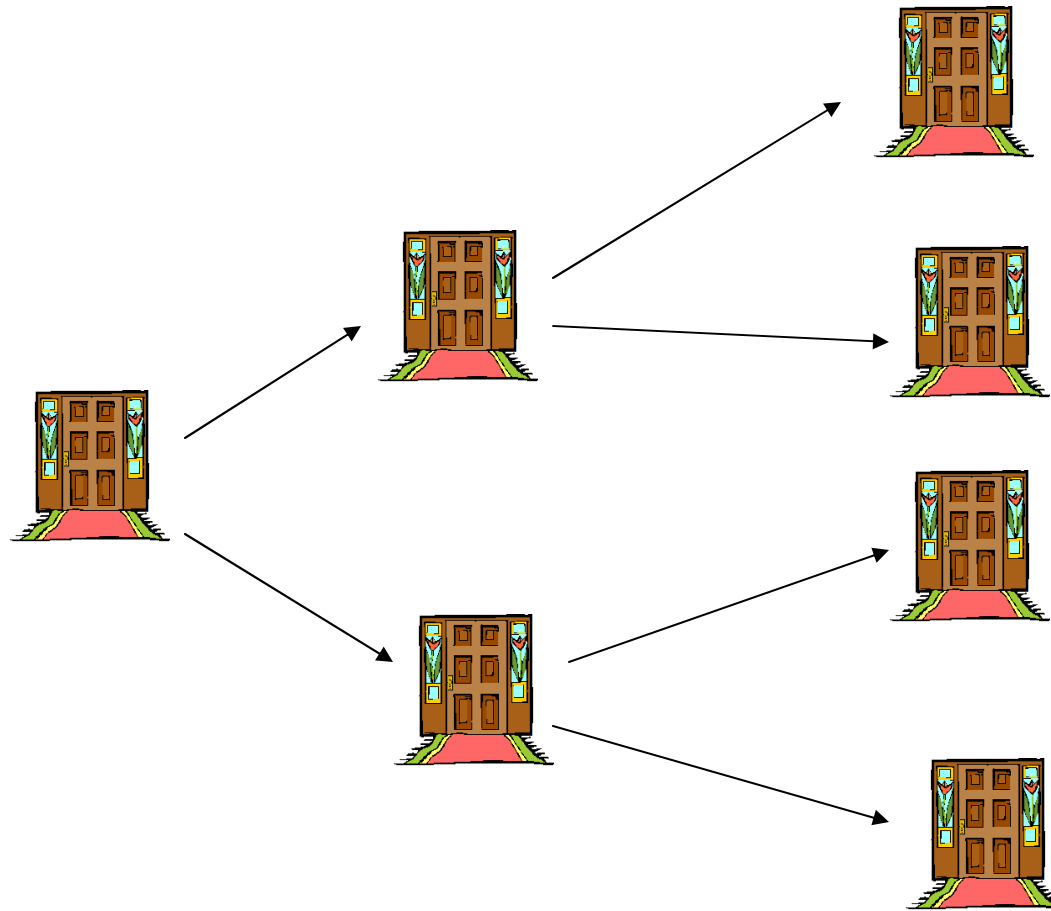
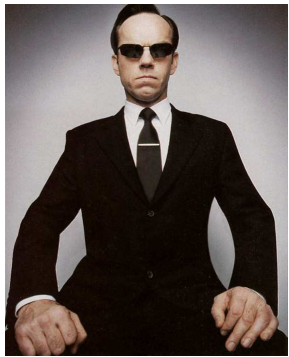
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Atri Rudra

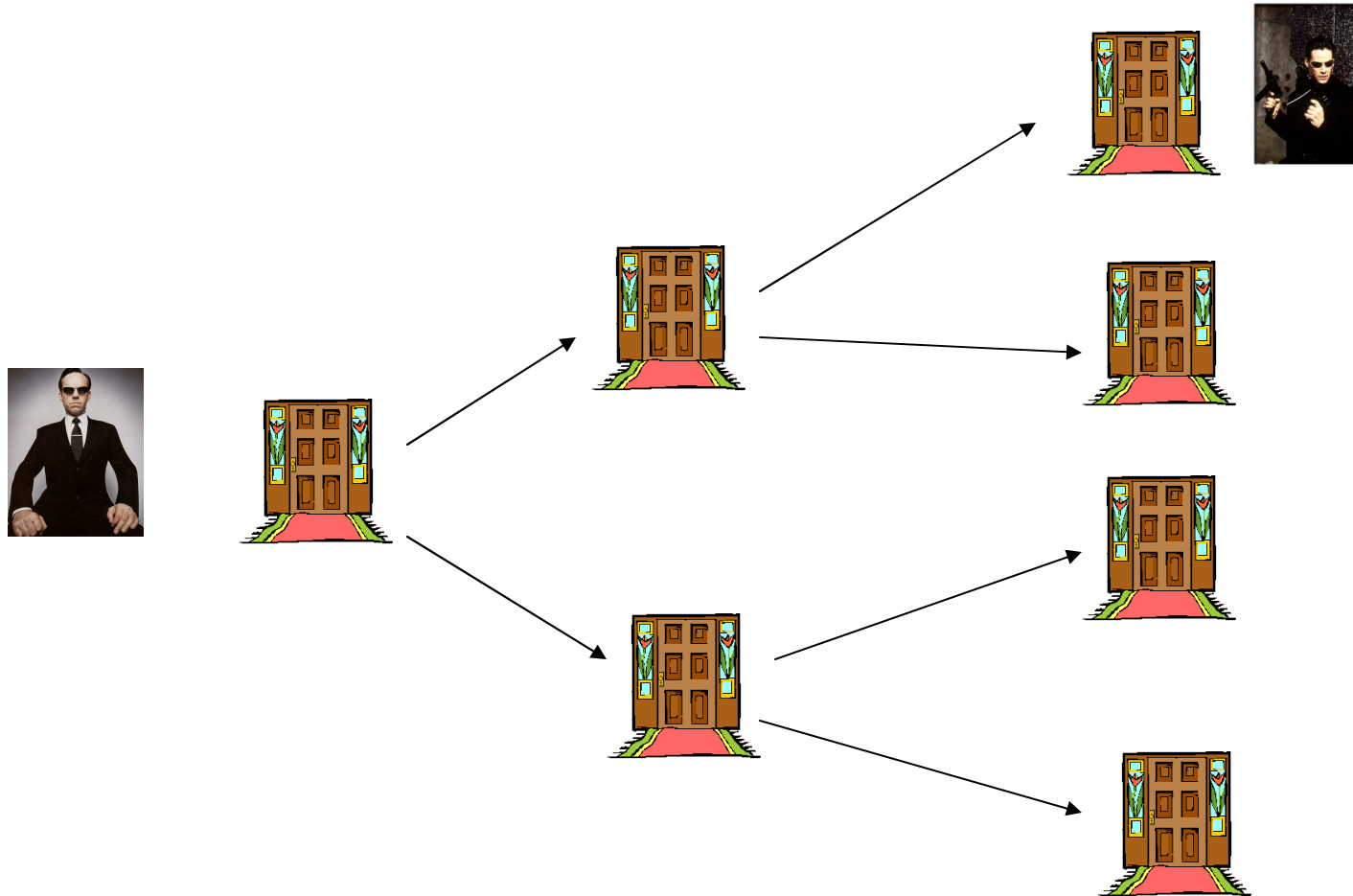
Mar 31



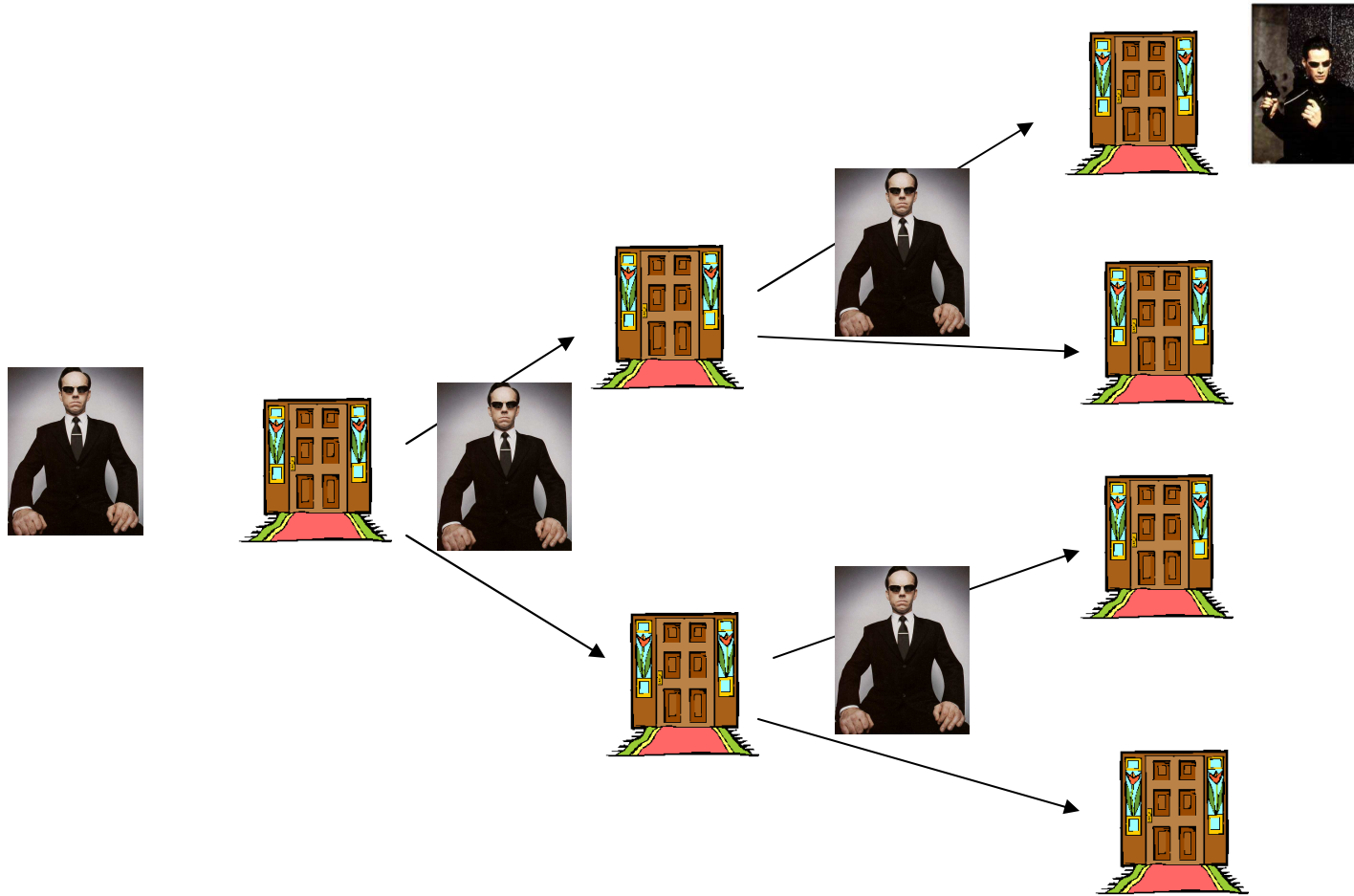
# Agent Smith want to catch Neo



# The dumb way for Agent Smith



.... but Agent Smith is a badass

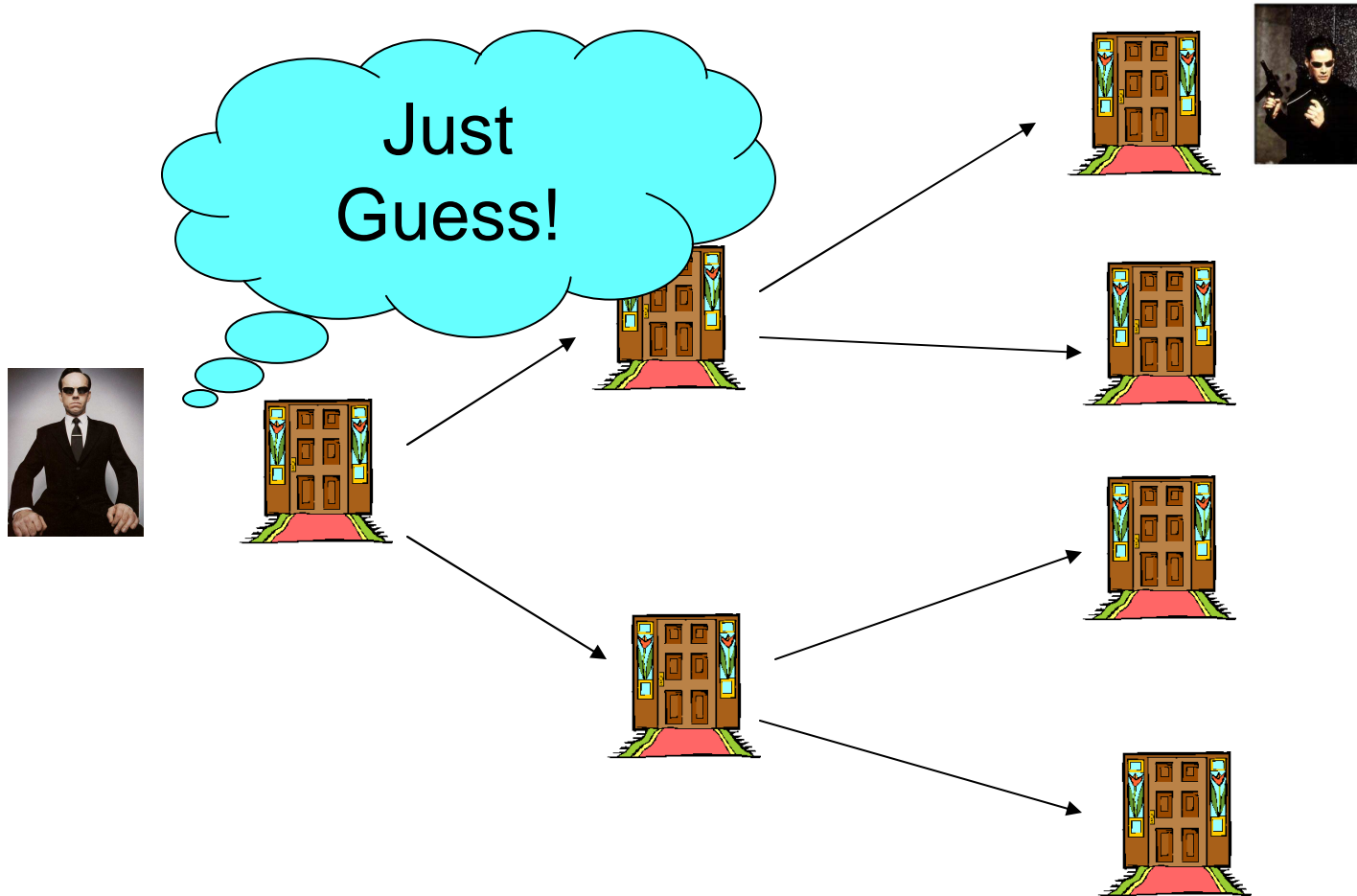


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# Let the fight begin!



# Another way for Agent Smith



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# The “take home” message

- Agent Smith is successful
  - One of his replicas gets to Neo, or
  - He guesses correctly where Neo is
- If Neo is present
  - Agent Smith is successful
    - One of the replicas get him/ he makes a correct guess
- If Neo is not present
  - Agent Smith is not successful
    - No replicas can get Neo/ there is no “correct” guess