Assignment

PAH (Planning and Games)

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Formalization

- Separate actions for different levels

- Cost functions with level as argument

- No explicit definition of boards

Planners

- Probe
    - Finds first solution fast
    - Continues with improving, but typically fails
    - Most of you (probably) ignored the first solution

Problems

- Problem are NOT small
  - 3x level
  - 3x tool
  - 5x board, 3x shape, 3x color
    - 5x3x has-shape, 5x3x has-color
  - $2^{(3+3+15+15)} = 2^{36} = 68\ 719\ 476\ 736$ states
- Actions
  - cca. 250