Good Afternoon Colleagues

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- Pending questions:
  - Exercise 7.3
  - Peng’s $Q(\lambda)$: no distinction between exploratory and greedy actions?
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  – Exercise 7.3
  – Peng’s $Q(\lambda)$: no distinction between exploratory and greedy actions?
  – How does $\lambda$ affect MC vs. TD in batch mode? (e.g. convergence to certainty equivalence)
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• Pending questions:
  – Exercise 7.3
  – Peng’s Q(λ): no distinction between exploratory and greedy actions?
  – How does λ affect MC vs. TD in batch mode? (e.g. convergence to certainty equivalence)
  – Does on-line TD(λ) converge? (p. 166 last para, p. 169 1st para)
Discussion Points

• Intuition for equation (7.2)
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- Intuition for equation (7.2)
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• Exercise 7.3

• Proof intuition
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- Proof intuition
- How do you choose lambda?
Discussion Points

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- Proof intuition
- How do you choose lambda?
  - More weight in the middle?
  - Anneal it as you go?
Discussion Points

• Intuition for equation (7.2)

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• Proof intuition

• How do you choose lambda?
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• Exercise 7.6
Discussion Points

- Intuition for equation (7.2)

- Exercise 7.3

- Proof intuition

- How do you choose lambda?
  - More weight in the middle?
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- Exercise 7.6

- Last para. of 184: theory/practice