

CSE 1710

Lecture 13

Concept Recap

What is the plan?

- “complementary midterm”
 - Thursday, Nov 3 10-11:30am
 - Location: ACE002, ACE007 (to be confirmed)
 - optional
 - the higher of the two marks will be counted as your midterm mark
- Lectures
 - Today – review concepts from MT
 - Tuesday Nov 1
 - in the style of Lecture 7
 - review concepts from Ch3, 4

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Midterm Results

- not pretty
 - Q1 mean mark: 3.7/10
 - Q2 mean mark: 4.2/14
 - Q3 mean mark: 8.3/16
 - Overall: 16.3/40
- Comments

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What will this “complementary MT” cover?

- 33% concepts from Ch1, Ch2
- 33% memory diagrams
- 33% concepts from Ch3, Ch4

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How do I prepare for the Complementary MT?

- review and understand the answers to the questions from this MT
- Ch 1 [grey denotes previously assigned]
 - RQ 1-25
 - Ex 1.1-1.15, 1.16-1.26
- Ch 2
 - RQ 1-35
 - Ex 2.1-2.16, 1.16-1.26

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How do I prepare for the Complementary MT?

- Ch 3
 - RQ 1-12,19-23,25-30
 - Ex 3.1-3.10
- Ch 4
 - RQ1-34
 - Ex 4.1-4.12
- Prep for Labtest03
 - Ex 3.11-3.23
 - Ex 4.12-4.22

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Labtest 3: Practise problem

- given two images, can you come up with a way to determine:
 - whether they the same size (horizontally or vertically)?
 - which pixels are the same and which pixels are different (matching according to position)
 - if pixels are different, how might one or the other be modified to:
 - match the other
 - be the average of the two with respect to any or all of the RGB components
 - be the sum of the two, wrt to any or all of the RGB values
 - Could you do the above conditionally?
 - e.g., for only some rows or some columns?
 - Could you implement *near matching* instead of *complete matching* for the pixels

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MT

- review of questions

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