

Introduction

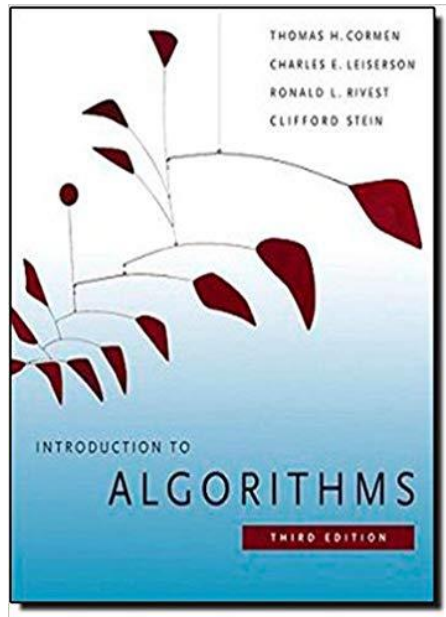
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Course Intro.

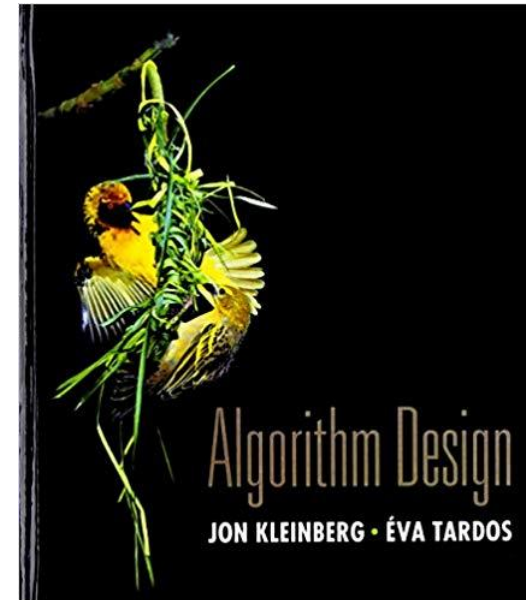
- Focus on the analysis, design, and implementation of computer algorithms.
- Analyze the asymptotic performance of algorithms, demonstrate a familiarity with major algorithms and data structures, apply important algorithms to programming related problems, and design and implement the algorithms in computer languages.
- Tuesday 16:30-17:45, Thursday 15:00-16:15
- Classroom: 26-308
- Prerequisite course: C language and Data Structure
- Course Website: <https://mllab-skku.github.io/algorithm/>

Textbooks

Introduction to Algorithms



Algorithm Design



Instructor

- **Joon Hee Choi**

- Email: jhchoi2019@skku.edu, Office: 23120
- Office Hour: Tuesday 14:00-15:00
- Research Interest: Machine Learning, Artificial Intelligence, Image Processing, Computer Vision
- Assistant Professor, Department of Software, SKKU (09/2019 -)
- Staff Engineer, Qualcomm Inc. (06/2018 – 08/2019)
- Ph.D., ECE, Purdue University (2018)
- M.S., ECE, Purdue University (2014)
- Assistant Manager, Samsung Electronics Co. (12/2003 – 01/2012)
- B.S., Electronics, Sogang University (2004)

Evaluation

- 2 Exams (Mid-term 25%, Final 35%): 60%
- 5 Homeworks (each 6%): 30%
- Attendance and Quiz: 10%

Exams

- Mid term: Week 8 (9/21-9/25)
- Final: Week 16 (12/16-12/20)

Homeworks

- Coding and written assignments
- Due - 11:59pm at the appointed date
 - HW1: out (09/19), due (09/26)
 - HW2: out (10/10), due (10/17)
 - HW3: out (11/07), due (11/14)
 - HW4: out (11/21), due (11/28)
 - HW5: out (12/05), due (12/12)
- Submission: by email (skku.algorithm.2019fall@gmail.com)
- Late Submission Penalty – 10% per day until 3 days

Contact

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