Assessment

Assignment can be used to improve you grade

▶ If you obtain a bonus your grade will improve according to the following function

$$f(x) = \begin{cases} \frac{1}{10} \text{round} \left(10 \left(\frac{\text{round}(3x) - 1}{3} \right) \right) & 1 < x \le 4 \\ x & \text{otw.} \end{cases}$$

- ▶ It will improve by 0.3 or 0.4, respectively. Examples:
 - **▶** 3.3 → 3.0
 - **▶** 2.0 → 1.7
 - **▶** 3.7 → 3.3
 - **▶** 1.0 → 1.0
 - \rightarrow 3.0 no improvement



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1 Contents

- Foundations
 - Machine models
 - Efficiency measures
 - Asymptotic notation
 - Recursion
- Higher Data Structures
 - Search trees
 - Hashing
 - Priority queues
 - Union/Find data structures
- Cuts/Flows
- Matchings

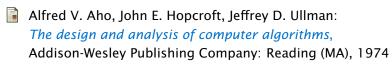
Assessment

Requirements for Bonus

- ▶ 50% of the points are achieved on submissions 1-7,
- ▶ 50% of the points are achieved on submissions 8–13,
- each group member has written at least 4 solutions.

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2 Literatur



Thomas H. Cormen, Charles E. Leiserson, Ron L. Rivest, Clifford Stein:

Introduction to algorithms, McGraw-Hill, 1990

Michael T. Goodrich, Roberto Tamassia: Algorithm design: Foundations, analysis, and internet examples, John Wiley & Sons, 2002

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2 Literatur