数据结构基础
Fundamentals of Data Structures

主讲教师： 朱建科

Instructor: Jianke, ZHU

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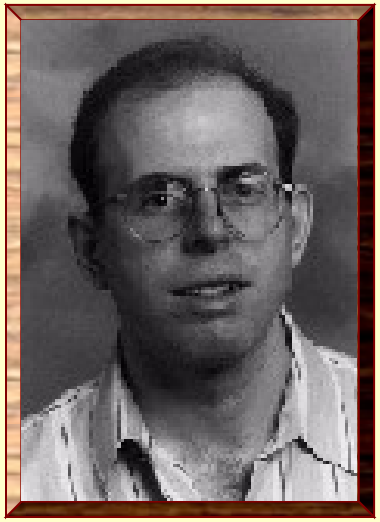
Courseware and homework sets can be downloaded from https://pintia.cn/

教材 (Text Book)



Data Structures and Algorithm Analysis in C

(2nd Edition)

Mark Allen Weiss

陈 越 改编

Email: weiss@fiu.edu

参考书目 (Reference)

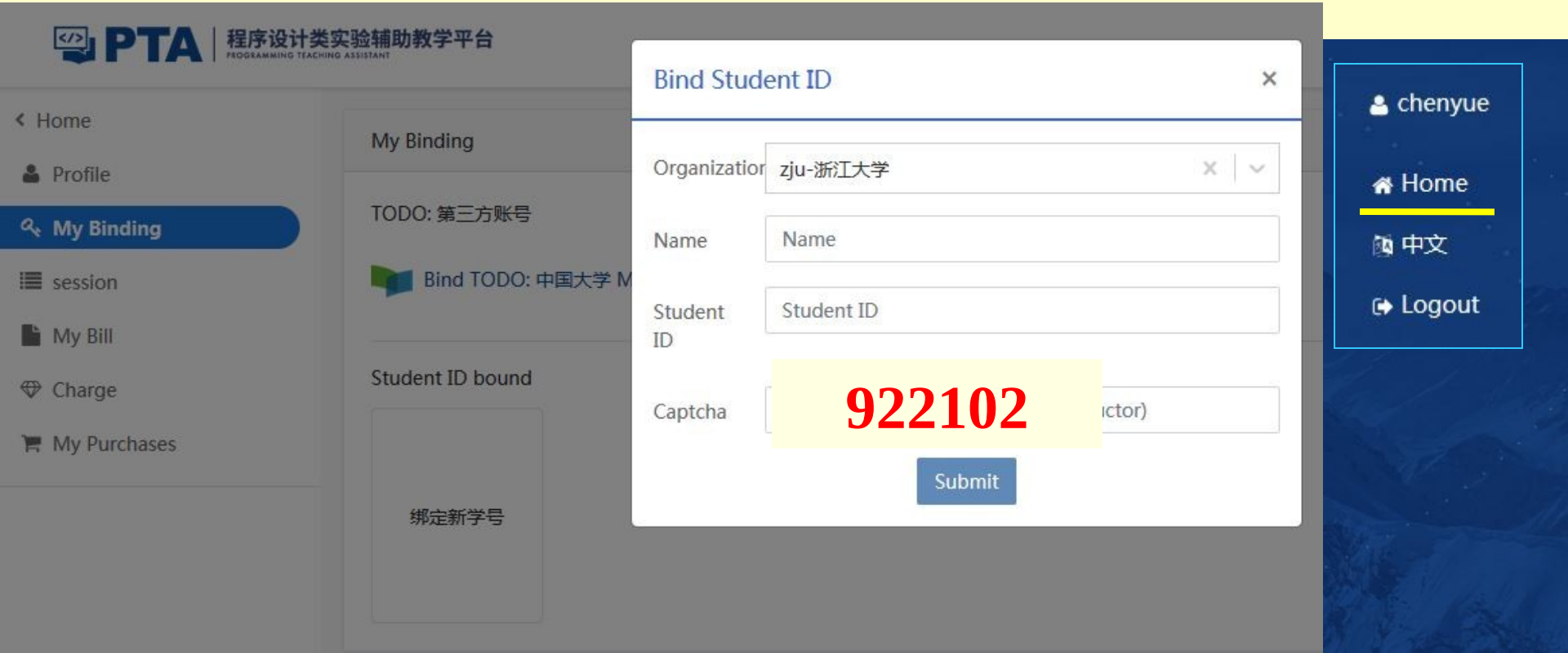
- **数据结构（第 2 版）**
  陈越、何钦铭、徐镜春、魏宝刚、杨枨 编著　　高等教育出版社
- **数据结构学习与实验指导**
  陈越、何钦铭、徐镜春、魏宝刚、杨枨 编著　高等教育出版社
- **数据结构与算法分析（C 语言版）**
  魏宝刚、陈越、王申康 编著　　浙江大学出版社
- **Data Structures, Algorithms, and Applications in C++**
  数据结构算法与应用— C++ 语言描述 （英文版）
  Sartaj Sahni　McGraw-Hill & 机械工业出版社
- **数据结构课程设计**
  何钦铭、冯雁、陈越 著　　浙江大学出版社
- **中国大学 MOOC： 数据结构**（陈越、何钦铭）

课程评分方法 (Grading Policies)

- Lecture Grade (75) = Homework Exercises (10)
  + Quizzes (10)
  + Mid-Term Exam (15*)
  + Final Exam (40*)
- Laboratory Grade (25/30*) = $\left[\sum_{i=1}^{3} \text{Lab}(i) \times 0.25\,(or\ 0.30)\right] \Big/ 3$

作业 (Homework Assignments)

- Register and login at https://pintia.cn/
- Bind your student ID with bind key



测验 (Quizzes)

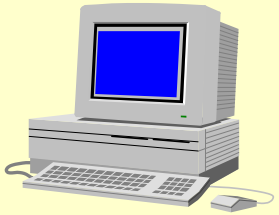
- **Random Quizzes**
- **10 minutes and 10 points each**
- **Problems may be chosen from HW**

实验 (Laboratory Projects)

- Done *independently*
- Take *Programming Ability Test* in the 1st week
- Top 30% may choose to take (or not to take) the *Hard mode* (hence the full mark is 30)

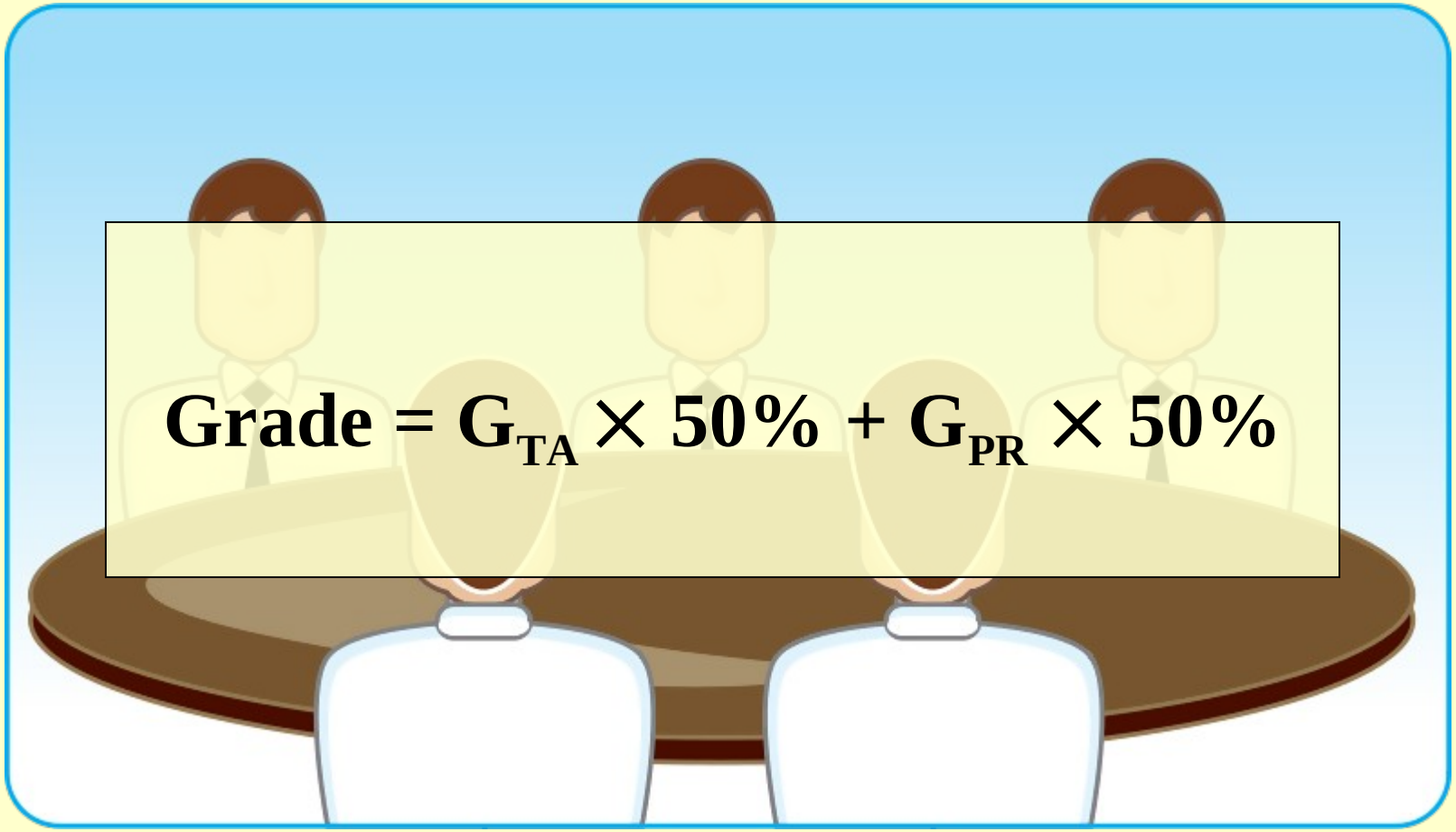
- 助教（Teaching Assistant）

☺ 林利翔（ 11921102@zju.edu.cn ）



实验 (Laboratory Projects)

Peer Review



$$\text{Grade} = G_{TA} \times 50\% + G_{PR} \times 50\%$$

Peer review is for the *reviewer*

- **Editing someone else's work is one of the best ways to learn how to edit your own**
  - It's much easier to see what's working and what isn't in someone else's paper than in your own.
- **Writing is revision**
  - The more you practice reading and critiquing someone else's work, the stronger your editing skills will be when it's time to apply them to your own work.
- **Any skill level works**
  - You can learn a great deal about the fundamentals of good writing from carefully reading and reviewing poor writing, figuring out why it's not succeeding and what it needs to succeed.

Process

1. **Submit initial version for peer review (1 week)**
2. **Participate in peer review (2 days)**
3. **Revise paper and submit to TA (2 days)**
4. **Receive final grading from TA**

诚信守则
（Code of Academic Honesty）

One must get a full mark to be eligible to take the final exam.

As long as there is one action of academic dishonesty in this semester, one will not be eligible to take the final exam and one's course score will be zero.