

数据结构基础

Fundamentals of Data Structures

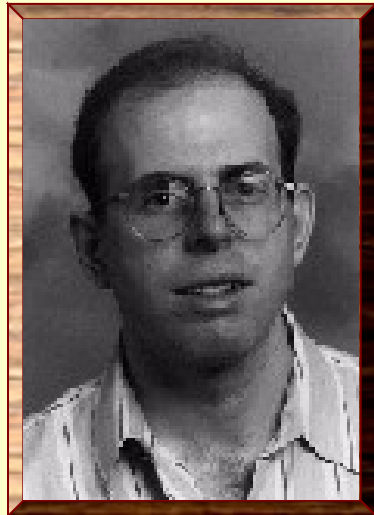
主讲教师： 朱建科

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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、杨棣 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、杨棣 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

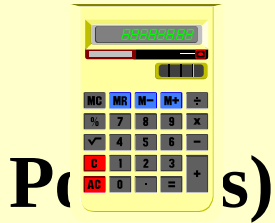
➤ Data Structures, Algorithms, and Applications in C++ 数据结构算法与应用——C++ 语言描述（英文版）

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)

□ Lecture Grade (75) = Homework Exercises (10)

+ Quizzes (10)

+ Mid-Term Exam (15*)

+ Final Exam (40*)

□ Laboratory Grade (25/30*) =
$$\left[\sum_{i=1}^3 \text{Lab}(i) \times 0.25 (\text{or } 0.30) \right] / 3$$



作业 (Homework Assignments)

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

PTA | 程序设计类实验辅助教学平台
PROGRAMMING TEACHING ASSISTANT

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测验 (Quizzes)

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

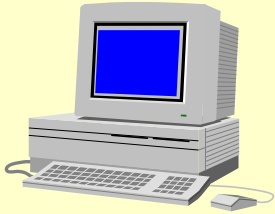


实验 (Laboratory Projects)

- ❏ 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)

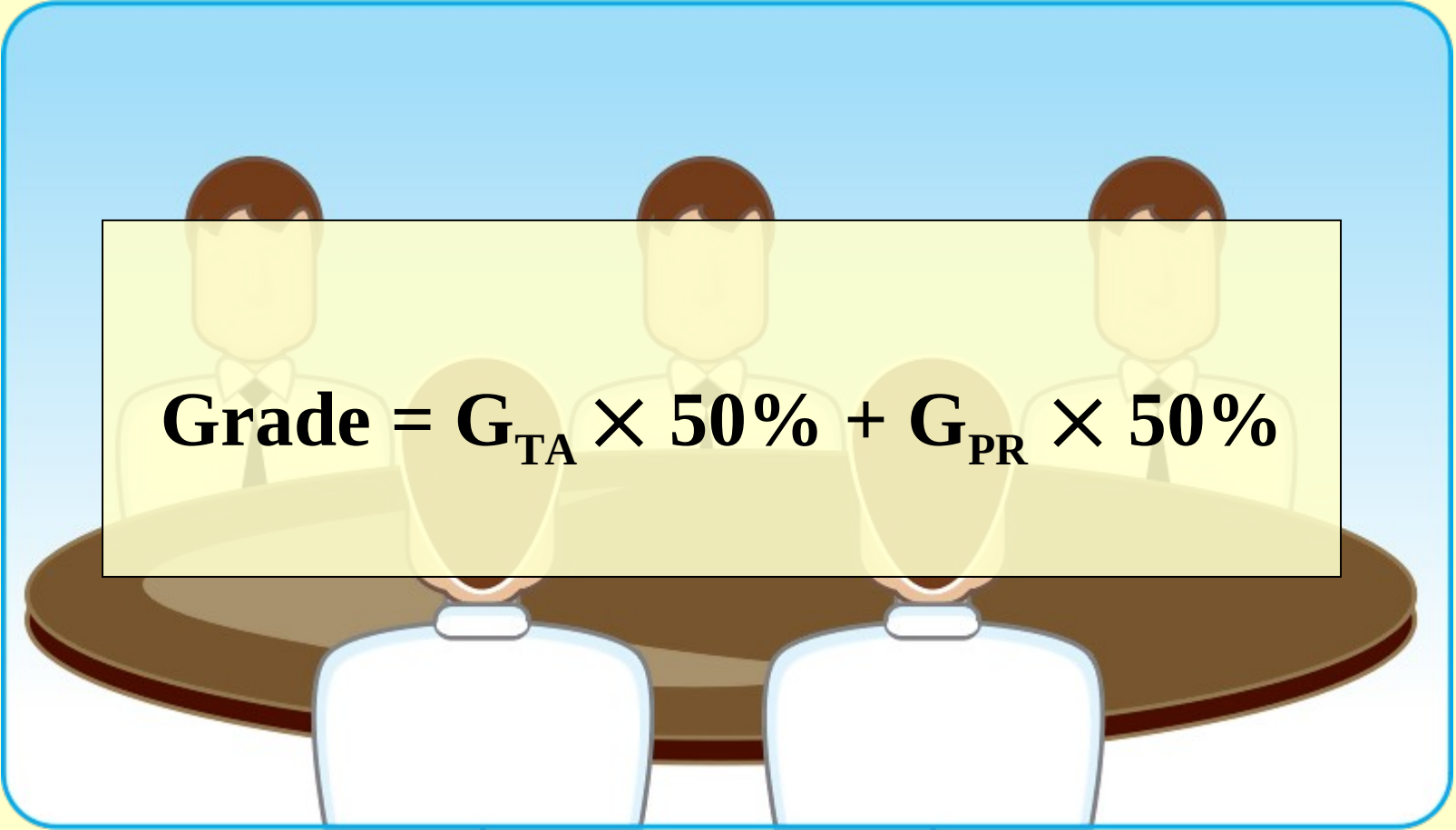
□ 助教 (Teaching Assistant)

☺ 林利翔 (11921102
@zju.edu.cn)



实验 (Laboratory Projects)

Peer Review

A stylized illustration of a meeting room. Five people are seated around a large, dark brown oval table. Three people are facing the camera, and two are seen from the back. They are all wearing white shirts and ties. A semi-transparent yellow rectangular box is centered over the table, containing the grade calculation formula.
$$\text{Grade} = G_{\text{TA}} \times 50\% + G_{\text{PR}} \times 50\%$$

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.