

WEEK 2

January 15, 2024 -- Jan 22, 2024
U of U MT

OVERVIEW & PURPOSE

Cover Methods of Proof (sections 1.3, 1.4) in Putnam & Beyond.

MONDAY (HOURS 1-3)

1. Lecture (Pigeonhole Principle)
2. Lecture/Discussion (REVIEW OF PUTNAM SOLUTIONS 1990A)
3. Discussion / Problem Solving

WEDNESDAY (HOURS 1-3)

1. Lecture (Ordered Sets & Extremal Elements)
2. Problem Solving (individual)
3. Problem Solving (individual)

FRIDAY (HOURS 1-3)

1. Practice Exam (PUTNAM 1990 SESSION B)
2. Practice Exam (PUTNAM 1990 SESSION B)
3. Practice Exam (PUTNAM 1990 SESSION B)

WEEKLY PROBLEM SET

Putnam & Beyond # 29 -- 56

If you don't have time to complete all the problems, solve what you can and review the solutions at the back of the textbook. **Aim for 5 problems / day. We will be meeting informally TuTh for physical training at 6pm.** That means we hit the gym and cardio.

Practice Held MWF 6-9 PM In Math Center (LCB Basement)