

Concrete Mathematics Notes

AUGPath

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This is a test

Chapter 1

Recursion Problems

1.1 The Tower of Hanoi

Problem setup. There are 3 pegs and some disks stacked in decreasing order.

- Rule. Move 1 disk at a time and never moving a large one to a smaller one
- Objective. Move all disk from one peg to another.

Technique 1. Look at small examples. Transfer with 1, 2 and 3 disks is somehow obvious.

Technique 2. Devide and conquer.