

## Study Guide Exam 2

What shall you prepare for Exam 2:

- The topics covered in the weeks 6 through 11.
- The exercises from the homework done in class during weeks 8 through 11
- Project 1

List of Topics	Chapters
Hashing	11
Text Search: Tries (Radix tree), Compact Tries, <del>Patricia Tries</del>	12.2
Text-search data structures and algorithms: Horspool, Boyer-Moore, and Rabin-Karp algorithms	32
Greedy method; Huffman coding	16
Algorithm framework, Iterative Pattern, Sparse versus dense graphs	
SSSP, Dijkstra algorithm	24