

Information Retrieval

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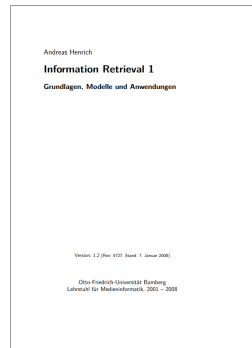
Brandenburg University of Technology Cottbus–Senftenberg
Institute of Computer Science

Lecture in summer semester

1. Introduction and Overview

Teaching concept of the module

- Course text
 - ▶ <https://www.b-tu.de/elearning/btu/>
 - ▶ script is based on material from Andreas Henrich
- Exercises



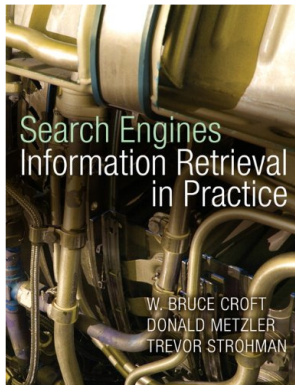
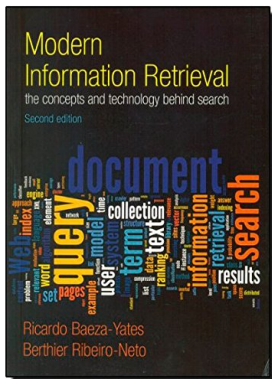
Requirements

- Attendance of “Databases”
- Algorithms and data structures
- Basic knowledge of English grammar
- Boolean logic
- Linear algebra
- Probability theory

Outline

- 1 Introduction and Overview
- 2 Evaluation and Assessment of IR Systems
- 3 Vagueness in Language
- 4 Simple IR Models and their Implementation
- 5 Vector Space Model
- 6 Language Modelling
- 7 Alternatives to the Global Search
- 8 Probabilistic Retrieval

Further literature I



Further literature II

