

Grading Knowledge

If you are sitting in a basement room without a view — not to mention the bars in front of the windows — and writing a book, then you better have good company. I had the best company you could imagine. Waltraud Hittl, Katja Markert, Martin Romacker, Klemens Schnattinger, Andreas Klee and I shared very little office space, but plenty of chocolate, coffee, champagne, and enthusiasm for our research. North German coolness and creativity sprang mostly from my colleagues in the second floor. I learned a lot from and laughed a lot with Nobi Bröcker, Susanne (Sue) Schacht, Manfred Klenner, Peter Neuhaus, Stefan Schulz, and Michael Strube. I thank my friend and partner Angela Rösch for motivational and technical support and for living together with someone who cares about strange things, works too much and does not improve in any way over the years. Special thanks go to my family who sometimes wondered what was going on when I started talking enthusiastically about “semantics”, but they never let wane their encouragement for me. Kornel Marco provided great service by implementing parts of the system presented in this book. Joe Bush helped me polish up the text with his capabilities as an American native speaker. Remaining errors are entirely my fault and due to my lack of diligence. This book would not have seen the light of day without the dissertation grant through the Graduiertenkolleg “Menschliche & Maschinelle Intelligenz” funded by the Deutsche Forschungsgemeinschaft (DFG).

**Lecture Notes in
Artificial Intelligence 1744**

Subseries of Lecture Notes in Computer Science

Steffen Staab

Grading Knowledge

**Extracting
Degree Information from Texts**

Diagram illustrating a knowledge extraction process:

```

    graph TD
      C_swap[C_swap] -- R_R --> C_A_C[C_A(C)]
      C_swap -- R_L --> C_swap_RC1[C_swap = RC_1]
      C_swap -- R_C --> Degree
      C_swap_RC1 -- R_L --> C_A_C
      C_swap_RC1 -- R_C --> C_A[C_A]
      C_A_C -- R_C --> DegreeOf[DegreeOf]
      C_A -- R_C --> InCType[InCType]
      DegreeOf -- R_C --> InCType
  
```

The diagram shows a network of nodes and directed edges. Nodes include C_{swap} , $C_A(C)$, Degree , $C_{\text{swap}} = RC_1$, $C_A(C) = RC_1$, C_A , DegreeOf , and InCType . Edges are labeled with terms like R_R , R_L , R_C , and InCType .

 Springer

Lieferfrist: bis zu 10 Tage

Artikelnummer: 9783540669340
Medium: Buch
ISBN: 978-3-540-66934-0
Verlag: Springer
Erscheinungstermin: 08.12.1999
Sprache(n): Englisch
Auflage: Erscheinungsjahr 1999
Serie: Lecture Notes in Artificial Intelligence
Produktform: Kartoniert
Gewicht: 330 g
Seiten: 192
Format (B x H): 155 x 235 mm

