X. Lu, The Pennsylvania State University, University Park, PA, USA

**Computational Methods for Corpus Annotation and Analysis**

In the past few decades the use of increasingly large text corpora has grown rapidly in language and linguistics research. This was enabled by remarkable strides in natural language processing (NLP) technology, technology that enables computers to automatically and efficiently process, annotate and analyze large amounts of spoken and written text in linguistically and/or pragmatically meaningful ways.

**Features**
- Provides an accessible introduction to natural language processing technology that facilitates automatic corpus annotation and analysis
- Covers computational tools for lexical, syntactic, semantic, pragmatic and discourse analysis
- Offers detailed instructions on how to obtain, install and use each tool
- Illustrates how NLP technology has been applied in recent corpus-based language studies
- Suggests effective ways to integrate NLP technology in future applied corpus linguistic research

**Contents**
Preface.- Chapter 1 Introduction.- Chapter 2 Text Processing with the Command Line Interface.- Chapter 3 Lexical Annotation.- Chapter 4 Lexical Analysis.- Chapter 5 Syntactic Annotation.- Chapter 6 Syntactic Analysis.- Chapter 7 Semantic, Pragmatic and Discourse Analysis.- Chapter 8 Summary and Outlook.- Appendix.

**Fields of interest**
Applied Linguistics; Language Translation and Linguistics

**Target groups**
Research

**Product category**
Monograph

Due March 2014

2014. X, 140 p. 21 illus. Hardcover
- € (D) 106,99 | € (A) 109,99 | sFr 133,50
- € 99,99 | £90.00
ISBN 978-94-017-8644-7