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Nota di contenuto	Recent Advances in Computational Terminology -- Editorial page -- Title page -- LCC page -- Scientific Committee -- Table of contents -- Introduction -- Chapter 1. A graph-based approach to the automatic generation of multilingual keyword clusters -- Chapter 2. The automatic construction of faceted terminological feedback for interactive document retrieval -- Chapter 3. Automatic term detection: A review of current systems -- Chapter 4. Incremental extraction of domain-specific terms from online text resources -- Chapter 5. Knowledge-based terminology management in medicine -- Chapter 6. Searching for and identifying conceptual relationships via a corpus-based approach to a Terminological Knowledge Base -- Chapter 7. Qualitative terminology extraction Identifying relational adjectives -- Chapter 8. General considerations on bilingual terminology extraction -- Chapter 9. Detection of synonymy links between terms -- Chapter 10. Extracting useful terms from parenthetical expressions by combining simple rules and statistical measures -- Chapter 11. Software tools to support the construction of bilingual terminology lexicons -- Chapter 12.

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## Sommario/riassunto

In this paper we describe term extraction from full length journal articles in the domain of crop husbandry for the purpose of producing abstracts automatically. Initially, candidate terms are extracted which occur in one of a number of fixed lexical environments, as found by a system of contextual templates which assigns a semantic role indicator to each candidate term. Candidate terms which can be lexically validated - that is, whose constituent words and structure conform to a simple grammar for their assigned role - receive an enhanced weight. The grammar for lexical validation was derived from a training corpus of 50 journal articles. Selected terms may be used to generate a short abstract which indicates the subject matter of the paper. We also describe a method for compiling a list of sequences which indicate the statistical findings of an experiment, in particular the interrelationships between terms. Such word sequences, when extracted and appended to an indicative abstract, will produce an informative abstract which describes specific research findings in addition to the subject matter of the paper.

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