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## Term Extraction and Automatic Indexing 🔒

Christian Jacquemin and Didier Bourigault

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## [-] Abstract and Keywords

Terms are pervasive in scientific and technical documents. In the application dealing with the analysis, understanding, generation, and search of particular, the ever-growing mass of specialized documents in governmental archives or in digital libraries, calls for advanced information retrieval, cross-language querying, indexing, document routing and summarization, etc. This article introduces natural language processing (NLP) that is concerned with terms. It begins with presenting the basic notions about terms to the recent concepts. There are two main areas of research: term acquisition and term recognition. Finally, this article presents term acquisition and automatic indexing.

Keywords: [terms](#), [documentation](#), [information retrieval](#), [natural language processing](#)

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Christian Jacquemin is a Professor in Computer Science at the University of Clermont-Ferrand, France, in the 'Laboratory of Information, and Representation' at CNRS-LIMSI. He has published a number of papers on information retrieval (ACL, COLING, ACM/SIGIR, RIAO). Professor Jacquemin is also interested in compound analysis and computational terminology. He authored a book on computational terminology published by MIT Press in 2001, and co-edited a book on computational terminology.

### Didier Bourigault

Didier Bourigault is a researcher at CNRS-ERSS (Toulouse, France). He is interested in the setting up and development of the TIA group, a French research group in computational engineering. Didier Bourigault has published at major conferences in the field of computational engineering. He co-authored a book on computational terminology published by John Benjamins in 2001.

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