

Quantifiers in Action

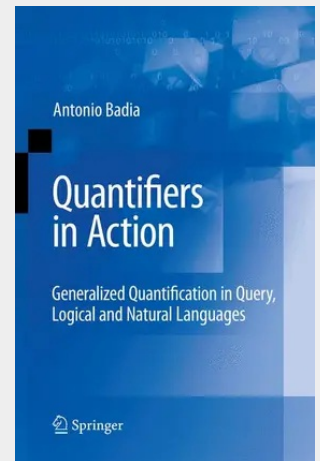
Generalized Quantification in Query, Logical and Natural Languages

The database industry is a multi-billion, world-wide, all-encompassing part of the software world. **Quantifiers in Action: Generalized Quantification in Query, Logical and Natural Languages** introduces a query language called GQs—Generalized Quantification in Query. Most query languages are simply versions of First Order Logic (FOL). GQs are an extension of the idea of quantifier in FOL. GQs are a perfect example of a practical theory within databases.

This book provides a brief background in logic and introduces the concept of GQs, and then develops a query language based on GQs. Using Query Language with Generalized Quantifiers, the reader explores the efficient implementation of the concept, always a primary consideration in databases. This professional book also includes several extensions for use with documents employing question and answer techniques.

Designed for practitioners and researchers within the database management field; also suitable for advanced-level students in computer science.

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