For many documents, their listing under a topic area does not necessarily imply that they have that topic area as their main or only subject, particularly in the case of larger documents, e.g. books. The part of the document explicitly referenced may be the only part relevant to the topic area.

Topic areas:
- Bags,
- Category Theory,
- Miscellaneous Database Topics,
- Miscellaneous (Other Topics),
- Monads,
- Monoid Comprehension Calculus,
- Object-Oriented Databases,
- Pomsets,
- Programming Languages,
- Relational Database Principles,
- Simplicity,
- Relational & SQL Databases in General,
- Stream Databases,
- Z Schema Calculus.

### Bags


Category Theory


Miscellaneous Database Topics


**Miscellaneous (Other Topics)**


[CJDN04] C. J. Date. *Notes regarding David Livingstone’s PhD Project; Installment No. 3*. [Personal communication, 26th October, 2004].


Monads


Monoid Comprehension Calculus


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**Object-Oriented Databases**


[OrDT06] *Oracle Database Concepts, 10g Release 2 (10.2); 27 Object Datatypes and Object Views.* Available at [http://download-uk.oracle.com/docs/cd/B19306_01/server.102/b14220/objects.htm](http://download-uk.oracle.com/docs/cd/B19306_01/server.102/b14220/objects.htm) on 9th September 2006. (In case of website re-organisation, access via the ‘Oracle Technology Network’ website).


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5
Pomsets


Programming Languages


[Date841] C. J. Date. Some Principles of Good Language Design (with especial reference to the design of database languages). [ACM SIGMOD Record, Volume 14, Issue 3, November 1984, Pages 1 - 7].


Relational Database Principles


7


[Codd85Re] E. F. Codd. *Is Your DBMS Really Relational ?* [Computerworld, 14th October 1985].


[DaMg94] C. J. Date and David McGoveran. *Updating Union, Intersection and Difference Views and Updating Joins and Other Views.* [Database Programming and Design, June and August 1994 respectively].


[Date96JAS]  C. J. Date. *Quota Queries - Parts 1, 2 & 3*. [Database Programming & Design. ”According to Date” column, July, August & September 1996].


[Date02]  C. J. Date. *Foundation Matters*. [Proceedings of the VLDB 2002 Conference, Hong Kong, China, Keynote Address].


[Date05]  C. J. Date. *Database in Depth : Relational Theory for Practitioners*. [O’Reilly, 2005].


**Simplicity**


[Corb06]  Reported by Bill Goodwin. *British Airways Cites IT Investment as Key Factor in 20% Profit Increase*. [Page 16 of Computer Weekly, 30th May 2006].


[Eins79]  Albert Einstein. *[Newsweek, 16th April, 1979]*.


[Gers98]  Lou Gerstner, Chairman of IBM. [Reported in Informationweek, 9th February, 1998].


[Norm99] Donald A. Norman. *The Invisible Computer*: Why Good Products can Fail, the Personal Computer is so Complex, and Information Appliances are the Solution. [The MIT Press, London, 1999].


Reported by John Kavanagh. Software industry told it must learn from the past and stop acting like ‘hairdressers’. [Computer Weekly, May 2006].


Relational & SQL Databases in General


[SQL99] International Organisation for Standardisation (ISO). Information Technology – Database Languages – SQL. Document ISO/IEC 9075:1999. The documentation is split into a number of ‘part documents’ identified by ‘ISO/IEC 9075-x:1999’ where x is the part number. The parts are:

1. Framework.
2. Foundation.
3. Call-Level Interface.
4. Persistent Stored Modules.
5. Host Language Bindings.
7. Object Language Bindings.

Parts 1 and 2 are the parts of relevance to the thesis.


[SQL03] International Organisation for Standardisation (ISO). Information Technology – Database Languages – SQL. Document ISO/IEC 9075:2003. The documentation is split into a number of ‘part documents’ identified by ‘ISO/IEC 9075-x:2003’ where x is the part number. The parts are:

1. Framework.
2. Foundation.
3. Call-Level Interface.
4. Persistent Stored Modules.
7. Information and Definition Schemas.
8. SQL Routines and Types using the Java Programming Language
9. XML-Related Specifications

Parts 1 and 2 are the parts of relevance to the thesis.


**Stream Databases**


**Z Schema Calculus**


