

---

## References

---

- [Abiteboul+1998] Abiteboul, S.; Duschka, O.: “*Complexity of answering queries using materialized views*”. In Proc. of the 1998 ACM Int. Symposium on Principles of Database Systems (PODS’98), USA, 1998.
- [Acharya+1999] Acharia, S.; Gibbons, P.B.; Poosala, V., Ramaswamy, S.: “*Join synopses for approximate query answering*”. In Proc. of the 1999 ACM Int. Conf. on Management of Data (SIGMOD’99), Philadelphia, USA, 1999.
- [Altareva 2004] Altareva, E.: “*Improving Integration Quality for Heterogeneous Data Sources*”. PhD Thesis, Universität Düsseldorf, 2004.
- [Amat+2005] Amat, G.; Laboisse, B.: “*B.D.Q.S. Une gestion opérationnelle de la qualité de données*”. 1<sup>st</sup> workshop on Data and Knowledge Quality (DKQ’2005), Paris, France, 2005.
- [Ballou+1985] Ballou, D.; Pazer, H.: “*Modeling data and process quality in multi-input, multi-output information systems*”. Management Science, Vol. 31 (2): 150–162, Feb. 1985.
- [Ballou+1998] Ballou, D.; Wang, R.; Pazer, H.; Tayi, G.: “*Modelling Information Manufacturing Systems to Determine Information Product Quality*”. Management Science, Vol. 44 (4), April 1998.
- [Ballou+2003] Ballou, D.; Pazer, H.: “*Modeling Completeness versus Consistency Tradeoffs in Information Decision Contexts*”. IEEE Transactions on Knowledge Data Engineering (KDE’2003), Vol. 15(1): 240–243, 2003.
- [Baralis+1997] Baralis, E.; Paraboschi, S. Teniente, E.: “*Materialized view selection in a multidimensional database*”. In Proc. of the 23<sup>rd</sup> Int. Conf. on Very Large Databases (VLDB’97), Athens, Greece, 1997.
- [Berti-Equille 2004] Berti-Equille, L.: “*Un état de l’art sur la qualité des données*”. Ingénierie des systèmes d’information (ISI), Hermès, Vol. 9(5-6) :117-143, 2004
- [Bobrowski+1998] Bobrowski, M.; Marré, M.; Yankelevich, D.: “*A Software Engineering View of Data Quality*”. 2nd Int. Software Quality Week Europe (QWE’98), Brussels, Belgium, 1998.
- [Bouzeghoub+1999] Bouzeghoub, M.; Fabret, F.; Matulovic-Broqué, M.: “*Modeling Data Warehouse Refreshment Process as a Workflow Application*”. In Proc. of the Int. Workshop on Design and Management of Data Warehouses (DMDW’99), Heidelberg, Germany, 1999.
- [Bouzeghoub+2002] Bouzeghoub, M.; Kedad, Z.: “*Quality in Data Warehousing*”. Information and database quality, Piattini, M.; Calero, C.; Genero, M. (eds), Kluwer Academic Publisher, 2002.
- [Bouzeghoub+2004] Bouzeghoub, M.; Peralta, V.: “*A Framework for Analysis of Data Freshness*” In Proc. of the 1<sup>st</sup> Int. Workshop on Information Quality in Information Systems (IQIS’2004), Paris, France, 2004.
- [Braumandl 2003] Braumandl, R.: “*Quality of Service and Optimization in Data Integration Systems*”. In Proc. Of GI-Fachtagung Datenbanksysteme für Business, Technologie und Web (BTW’2003), Leipzig, Germany, 2003.
- [Breiman+1984] Breiman, L.; Friedman, J.; Olshen, R.; Stone, C.: “*Classification and Regression Trees*”. Wadsworth International Group, 1984.
- [Bright+2002] Bright, L.; Raschid, L.: “*Using Latency-Recency Profiles for Data Delivery on the Web*”. In Proc. of the 28th Int. Conf. on Very Large Databases (VLDB’02), Hong Kong, China, 2002.
- [Bruno+2002] Bruno, N.; Chaudhuri, S.: “*Exploiting Statistics on Query Expressions for Optimization*”. In Proc. of the 2002 ACM Int. Conf. on Management of Data (SIGMOD’2002), Madison, USA, 2002.
- [Calvanese+1999] Calvanese, D.; De Giacomo, G.; Lenzerini, M.; Nardi, D.; Rosati, R.: “*A principled Approach to Data Integration and Reconciliation to Data Warehousing*”. In Proc. of the Int. Workshop on Design and Management of Data Warehouses (DMDW’99), Heidelberg, Germany, 1999.

- [Calvanese+2001] Calvanese, D.; Lembo, D.; Lenzerini, M.: “*Survey on methods for query rewriting and query answering using views*”. Technical Report, Dipartimento di Informatica e Sistemistica, Università di Roma “La Sapienza”, 2001.
- [Cappiello+2002] Cappiello, C.; Francalanci, C.; Pernici, B.: “*A Model of Data Currency in Multi-Channel Financial Architectures*”. In Proc. of the 7<sup>th</sup> Int. Conf. on Information Quality (IQ 2002), Cambridge, USA, 2002.
- [Chandra+1977] Chandra, A.; Merlin, P.: “*Optimal implementation of conjunctive queries in relational databases*”. In Proc. of the 9<sup>th</sup> ACM Symp. On Theory of Computing (STOC’77), 1977.
- [Chekuri+1997] Chekuri, C.; Rajaraman, A.: “*Conjunctive query containment revisited*”. In Proc. of the 6<sup>th</sup> Int. Conf. on Database Theory (ICDT’97), 1997.
- [Chirkova+2001] Chirkova, R.; Halevy, A.; Suciu, D.: “*A formal perspective on the view selection problem*”. In Proc. of 27<sup>th</sup> Int. Conf. on Very Large Databases (VLDB’01), Roma, Italy. 2001.
- [Cho+2000] Cho, J.; Garcia-Molina, H.: “*Synchronizing a database to improve freshness*”. In Proc. of the 2000 ACM Int. Conf. on Management of Data (SIGMOD’00), pages 117-128, Dallas, USA. 2000.
- [Cho+2003] Cho, J.; Garcia-Molina, H.: “*Estimating Frequency of Change*”. ACM Transactions on Internet Technology, Vol. 3 (3): 256–290, August 2003.
- [Cooper 1981] Cooper, M.: “*Survey of methods of pure nonlinear integer programming*”. Management Science, Vol. 27: 353-361, 1981.
- [Etcheverry+2005] Etcheverry, L.; Gatto, P.; Tercia, S.; Marotta, A.; Peralta, V.: “*Análisis del proceso de carga del Sistema de Data Warehousing de Enseñanza de la Facultad de Ingeniería*”. Technical Report, InCo, Universidad de la República, Uruguay, 2005.
- [Etcheverry+2006] Etcheverry, L.; Tercia, S.; Marotta, A.; Peralta, V.: “*Medición de la Exactitud de Datos Fuente: Un caso de Estudio*”. Technical Report, InCo, Universidad de la República, Uruguay, 2006.
- [Fajardo+2004] Fajardo, F.; Crispino I.: “*Implementación de una Plataforma para Análisis de Calidad de Datos*”. Pre-grade Report, Facultad de Ingeniería, Universidad de la República, Uruguay, 2004.
- [Fajardo+2004a] Fajardo, F.; Crispino, I.; Peralta, V.: “*DQE: Una Herramienta para Evaluar la Calidad de los Datos en un Sistema de Integración*”. X Congreso Argentino de Ciencias de la Computación (CACIC’2004), La Matanza, Argentine, 2004.
- [Fugini+2002] Fugini, M.; Mecella, M.; Plebani, P.; Pernici, B.; Scannapieco, M.: “*Data quality in cooperative web information systems*”. Technical Report, 2002.
- [Gal 1999] Gal, A.: “*Obsolescent materialized views in query processing of enterprise information systems*”. In Proc. of the 1999 ACM Int. Conf. on Information and Knowledge Management (CIKM’99), pages 367-374, Kansas City, USA. 1999.
- [Galhardas+2000] Galhardas, H.; Florescu, D.; Shasha, D.; Simon, E.: “*An extensible framework for data cleaning*”. In Proc. of the Int. Conf. on Data Engineering (ICDE’2000), San Diego, Dallas, USA, 2000.
- [Galindo+2004] Galindo, J.; Urrutia, A.; Piattini, M.: “*An Approach for Implementing Fuzzy Relational Databases in Classic DBMS*”. In Proc. of the XII Congreso Español sobre Tecnologías y Lógica Fuzzy (ESTYLF’2004), Jaén, Spain, 2004.
- [Gancarski+2003] Gancarski, S.; Le Pape, C.; Valduriez, P.: “*Relaxing Freshness to Improve Load Balancing in a Cluster of Autonomous Replicated Databases*”. In Proc. of the 5<sup>th</sup> workshop on Distributed Data and Structures (WDAS), Thessaloniki, Greece. 2003.
- [Gertz+1998] Gertz, M.; Tamer Ozsu, M.; Saake, G.; Sattler, K.: “*Managing Data Quality and Integrity in Federated Databases*”. In Proc. of the 2nd Working Conf. on Integrity and Internal Control in Information Systems (IICIS’98), Warrenton, USA, 1998.
- [Gertz+2004] Gertz, M.; Tamer Ozsu, M.; Saake, G.; Sattler, K.: “*Report on the Dagstuhl Seminar: Data Quality on the Web*”. SIGMOD Record Vol. 33(1), March 2004.

- [Giaudrone+2005] Giaudrone, V.; Guerra, M.; Vaccaro, M.; Motz, R.; Marotta, A.: “*A Wrapper & Mediator Prototype for Web Data Warehouses*”. In Proc. of the XI Congreso Argentino de Ciencias de la Computación (CACIC'2005), Concordia, Argentina, 2005.
- [Gravano+2001] Gravano, L.; Ipeirotis, P.; Jagadish, H.V.; Koudas, N.; Muthukrishnan, S.; Srivastava, D.: “*Approximate String Joins in a Database (Almost) for Free*”. In Proc. of the 27<sup>th</sup> Int. Conf. on Very Large Data Bases (VLDB'2001), Roma, Italy, 2001.
- [Graveleau 2005] Graveleau, D.: “*SILURE, mise en œuvre d'un meta-modèle associant traçabilité et qualité des données pour la constitution d'une base de référence multi-sources en veille technologique*”. 1<sup>st</sup> workshop on Data and Knowledge Quality (DKQ'2005), Paris, France, 2005.
- [Grigori+2005] Grigori, D.; Peralta, V.; Bouzeghoub, M.: “*Service Retrieval Based on Behavioral Specifications and Quality Requirements*”. Accepted paper for the 3<sup>rd</sup> Int. Conf. on Business Process Management (BPM'2005), Nancy, France, September 2005.
- [Gupta+1995] Gupta, A.; Mumick, I.: “*Maintenance of Materialized Views: Problems, Techniques, and Applications*”. Data Engineering Bulletin, June 1995.
- [Gupta 1997] Gupta, H.: “*Selection of Views to Materialize in a Data Warehouse*”. Conf. on Database Theory, 1997.
- [Hammer+1995] Hammer, J.; Garcia-Molina, H.; Widom, J.; Labio, W.; Zhuge, Y.: “*The Stanford Data Warehousing Project*”. IEEE Data Engineering Bulletin, Volume 18, Number 3. June 1995.
- [Han+2003] Han, Q.; Venkatasubramanian, N.: “*Addressing Timeliness/Accuracy/Cost Tradeoffs in Information Collection for Dynamic Environments*”. In Proc. of the 24<sup>th</sup> IEEE Int. Real-time Systems Symposium (RTSS'03), Cancun, Mexico, 2003.
- [Harinarayan+1996] Harinarayan, V.; Rajaraman, A.; Ullman, J.: “*Implementing Data Cubes Efficiently*”. In Proc. of the 1996 ACM Int. Conf. on Management of Data (SIGMOD'96), Montreal, Canada, 1996.
- [Helfert+2002] Helfert, M.; Herrmann, C.: “*Proactive Data Quality Management for Data Warehouse Systems*”. In Proc. of the Int. Workshop on Design and Management of Data Warehouses, Toronto, Canada, 2002.
- [Hillier+1991] Hillier, F.S.; Lieberman, G.J.: “*Introducción a la Investigación de Operaciones*”. McGraw-Hill. ISBN 028914-X, 1991.
- [Huang+1994] Huang, Y.; Sloan, R.; Wolfson, O.: “*Divergence caching in client-server architectures*”. In Proc. of the 3<sup>rd</sup> Int. Conf. on Parallel and Distributed Information Systems (PDIS 94), pages 131-139. Austin, USA. 1994.
- [Hull+1996] Hull, R.; Zhou, G.: “*A Framework for Supporting Data Integration Using the Materialized and Virtual Approaches*”. In Proc. of the 1996 ACM Int. Conf. on Management of Data (SIGMOD'96), pages 481-492, Montreal, Canada. 1996.
- [Inmon 1996] Inmon, W.: “*Building the Data Warehouse*”. John Wiley & Sons Inc., 1996.
- [Jankowka 2000] Jankowska, M.A.: “*The need for environmental information quality*”. Issues in Science and Technology Librarianship. URL: <http://www.library.ucsb.edu/istl/00-spring/article5.html>. Last modified in 2000.
- [Jermaine+2003] Jermaine, C.: “*Robust Estimation With Sampling and Approximate Pre-Aggregation*”. In Proc. of the 29<sup>th</sup> Int. Conf. on Very Large Data Bases (VLDB'2003), Berlin, Germany, 2003.
- [Jarke+1997] Jarke, M.; Vassiliou, Y.: “*Data Warehouse Quality: A Review of the DWQ Project*”. In Proc. 2nd Conference on Information Quality (IQ'1997), Cambridge, USA, 1997.
- [Jarke+1999] Jarke, M.; Jeusfeld, M.A.; Quix, C.; Vassiliadis, P.: “*Architecture and Quality in Data Warehouses: An Extended Repository Approach*”. Information Systems, vol. 24(3), 1999.
- [Jeusfeld+1998] Jeusfeld, M. A.; Quix, C.; Jarke, M.: “*Design and Analysis of Quality Information for Data Warehouses*”. In Proc. of 17<sup>th</sup> Int. Conf. on Conceptual Modeling (ER), Singapore, November 16-19, 1998.
- [Kießling+2002] Kießling, W.; Kötler, G.: “*Preference SQL - Design, Implementation, Experiences*”. In Proc. of the 28th Int. Conf. on Very Large Databases (VLDB'02), Hong Kong, China, 2002.

- [Kon+1995] Kon, H.; Madnick, S.; Siegel, M.: “*Good Answers from Bad Data: a Data Management Strategy*”. Working paper 3868-95, Sloan School of Management, Massachusetts Institute of Technology, USA, 1995.
- [Kostadinov+2004] Kostadinov, D.; Peralta, V.; Soukane, A.; Xue, X.: “*Système adaptatif d’aide à la génération de requêtes de médiation*”. Demonstration. In Proc. of the 20<sup>èmes</sup> Journées de Bases de Données Avancées (BDA’04), Montpellier, France, 2004.
- [Kostadinov+2005] Kostadinov, D.; Peralta, V.; Soukane, A.; Xue, X.: “*Intégration de données hétérogènes basée sur la qualité*”. XXIII Congrès INFORSID (INFORSID’2005), Grenoble, France, 2005.
- [Kostadinov 2006] Kostadinov, D.: “*Personnalisation de l’information et gestion de profils utilisateur*”. PhD Thesis, Université de Versailles, France, on going work..
- [Klug 1988] Klug, A.: “*On conjunctive queries containing inequalities*”. Journal of the ACM, Vol. 35(1):146-160, 1988.
- [Labrinidis+2003] Labrinidis, A.; Roussopoulos, N.: “*Balancing Performance and Data Freshness in Web Database Servers*”. In Proc. of the 29<sup>th</sup> Int. Conf. on Very Large Data Bases (VLDB’03), Berlin, Germany, 2003.
- [Laboisie 2005] Laboisie, B.: “*BDQS, une approche dans la mesure de la qualité de données d’un CRM : principes de base (les attributs de la qualité), intégration des outils métier de marketing direct dans la mesure*”. Séminaire CRM & Qualité des Données, Paris, France, 2005.
- [Lee+2000] Lee, M.L.; Ling, T.W.; Lu, H.; Ko, Y.T.: “*Cleansing Data for Mining and Warehousing*”. In Proc. of the 10<sup>th</sup> Int. Conf. on Database and Expert Systems Applications (DEXA ’99), Florence, Italy, 1999.
- [Levy+1996] Levy, A.; Rajaraman, A.; Ordille, J.: “*Querying Heterogeneous Information Sources Using Source Descriptions*”. In Proc. of the 22<sup>nd</sup> Int. Conf. on Very Large Data Bases (VLDB’1996), 1996.
- [Li+2003] Li, D.; Sun, X.: “*Recent Progress in Nonlinear Integer Programming*”. Optimization Research Bridge (ORB), Issue 11, September 2003.
- [Li+2003a] Li, W.S.; Po, O.; Hsiung, W.P.; Selçuk Candan, K.; Agrawal, D.: “*Freshness-driven adaptive caching for dynamic content Web sites*”. Data & Knowledge Engineering (DKE), Vol. 47(2):269-296, 2003.
- [Maletic+2000] Maletic, J.I.; Marcus, A.: “*Data Cleansing: Beyond Integrity Analysis*”. In Proc. of the Int. Conf. on Information Quality (IQ’2000), Cambridge, USA, 2000.
- [Mannino+2004] Mannino, M.; Walter, Z.: “*A Framework for Data Warehouse Refresh Policies*”. Technical Report CSIS-2004-001, University of Colorado at Denver, 2004.
- [Marotta 2000] Marotta, A.: “*Data Warehouse Design and Maintenance through schema transformations*”. Master thesis, Universidad de la República, Uruguay, 2000.
- [Marotta+2001] Marotta, A.; Motz, R.; Ruggia, R.: “*Managing Source Schema Evolution in Web Warehouses*”. In Proc. of the International Workshop on Information Integration on the Web (WIIW’2001), Rio de Janeiro, Brazil, 2001.
- [Marotta 2006] Marotta, A.: “*Managing source quality Changes in a Data Integration System*”. Doctoral Consortium of 18<sup>th</sup> Int. Conf. on Advanced Information Systems Engineering (CAISE’06), Luxembourg, Luxembourg, 2006.
- [Mazzi+2005] Mazzi, G.L.; Museux, J.M.; Savio, G.: “*Quality measures for economic indicators*”. Statistical Office of the European Communities, Eurostat. ISBN 92-894-8623-6. 2005.
- [Mecella+2002] Mecella, M.; Scannapieco, M.; Virgillito, A.; Baldoni, R.; Catarci, T.; Batini, C.: “*Managing Data Quality in Cooperative Information Systems*”. In Proc. on the Confederated Int. Conf. DOA, CoopIS and ODBASE (DOA/CoopIS/ODBASE’02), Irvine, USA, 2002.
- [Mendling+2006] Mendling, J.; Lassen, K.; Zdun, U.: “*Transformation Strategies between Block-Oriented and Graph-Oriented Process Modelling Languages*”. In Proc. of Multikonferenz Wirtschaftsinformatik 2006 (MKWI’2006), Band 2, XML4BPM Track, GITO-Verlag, Berlin, Germany, 2006.
- [Mihaila+2000] Mihaila, G.; Raschid, L.; Vidal, M.E.: “*Using Quality of Data Metadata for Source Selection and Ranking*”. In Proc. of the 3<sup>rd</sup> Int. Workshop on the Web and Databases (WebDB’2000), Dallas, USA, 2000.

- [Missier+2001] Missier, P.; Scannapieco, M.; Batini, C.: “*Cooperative Architectures: Introducing Data Quality*”. Technical Report 14-2001, Dipartimento di Informatica e Sistemistica, Università di Roma “La Sapienza”, Roma, Italy, 2001.
- [Missier+2003] Missier, P.; Lalk, G.; Verykios, S.; Grillo, F.; Lorusso, T.; Angeletti, P.: “*Improving data quality in practice: a case study in the Italian public administration*”. Distributed and Parallel Databases, Vol. 13(2): 135-160, 2003.
- [Morey+1982] Morey, R.: “*Estimating and improving the quality of information in MIS*”. Communications of the ACM, Vol. 25(5): 337-342, 1982.
- [Motro 1995] Motro, A.: “*Management of Uncertainty in database Systems*”. Modern Database Systems, ACM Press and Addison-Wesley, ISBN 0-201-59098-0, pages 457-476, 1995.
- [Motro+1997] Motro, A.; Rakov, I.: “*Not all answers are equally good: estimating the quality of database answers*”. In *Flexible Query-Answering Systems* (T. Andreassen, H. Christiansen, and H.L. Larsen, Eds.), Kluwer Academic Publishers, 1997, Ch. 1, pp. 1–21.
- [Motro+1998] Motro, A.; Rakov, I.: “*Estimating the quality of databases*”. In Proc of the 3<sup>rd</sup> Int. Conf on Flexible Query Answering Systems (FQAS'98), Roskilde, Denmark, 1998.
- [Moura+2004] Moura, G.; Machado, M.L.: “*AQUAWARE: A Data Quality Support Environment for Data Warehousing*”. In Proc. of the 19<sup>th</sup> Brazilian Symposium on Databases (SBB'D'2004), Brasilia, Brazil, 2004.
- [Müller+2003] Müller, H.; Freytag, J.C.: “*Problems, Methods, and Challenges in Comprehensive Data Cleansing*”. Technical Report, HUB-IB-164, Humboldt University Berlin, Berlin, Germany, 2003.
- [Müller+2003a] Müller, H.; Naumann, F.: “*Data Quality in Genome Databases*”. In Proc. of the 8<sup>th</sup> Int. Conf. on Information Quality (IQ 2003), MIT, USA, 2003.
- [Naumann+1998] Naumann, F.; Freytag, J.C.; Spiliopoulou, M.: “*Quality Driven Source Selection Using Data Envelope Analysis*”. In Proc. of the MIT Conference on Information Quality (IQ'98), Cambridge, USA, 1998.
- [Naumann+1999] Naumann, F.; Leser, U.; Freytag, J.C.: “*Quality-driven Integration of Heterogeneous Information Systems*”. In Proc. of the 25<sup>th</sup> Int. Conf. on Very Large Databases (VLDB'99), Scotland, 1999.
- [Naumann+2000] Naumann, F.; Rolker, C.: “*Assessment Methods for Information Quality Criteria*”. In Proc. of the MIT Conf. on Information Quality (IQ'00), Cambridge, USA, 2000.
- [Navarro 2001] Navarro, G.: “*A guided tour to approximate string matching*”. ACM Computing Surveys, Vol. 33(1):31-88, 2001.
- [Nie+2002] Nie, Z.; Nambiar, U.; Vaddi, S.; Kambhampati, S.: “*Mining Coverage Statistics for Webservice Selection in a Mediator*”. Technical Report, ASU CSE TR 02-009, 2002.
- [Oliveira+2004] Oliveira, P.; Rodrigues, F.; Henriques, P.: “*Limpeza de Dados - Uma Visão Geral*”. In Proc. of Data Gadgets Workshop, Malaga, Spain, 2004.
- [Oliveira+2005] Oliveira, P.; Rodrigues, F.; Henriques, P.; Galhardas, H.: “*A Taxonomy of Data Quality Problems*”. In Proc. of 2nd Int. Workshop on Data and Information Quality (DIQ'2005), Porto, Portugal, 2005.
- [Ozsu+1991] Ozsu, M.; Valduriez, P.: “*Principles of Distributed Database Systems*”. Prentice-Hall Int. Editors, 1991.
- [Parssian+1999] Parssian, A.; Sarkar, S.; Jacob, V.S.: “*Assessing Data Quality for Information Products*”. In Proc. of the 20<sup>th</sup> Int. Conf. on Information Systems (ICIS'1999), Charlotte, USA, 1999.
- [Peralta+2004] Peralta, V.; Ruggia, R.; Kedad, Z.; Bouzeghoub, M.: “*A Framework for Data Quality Evaluation in a Data Integration System*”. In Proc. of the 19<sup>th</sup> Brazilian Symposium on Databases (SBB'D'2004), Brasilia, Brazil, 2004.
- [Peralta+2004a] Peralta, V.; Bouzeghoub, M.: “*On the evaluation of data freshness in data integration systems*”. In Proc. of the 20<sup>èmes</sup> Journées de Bases de Données Avancées (BDA'2004), Montpellier, France, 2004.

- [Peralta+2004b] Peralta, V.; Ruggia, R.; Bouzeghoub, M.: “*Analyzing and Evaluating Data Freshness in Data Integration Systems*”. Ingénierie de Systèmes d’Information (ISI), vol 9 (5/6) : 145-162, 2004.
- [Peralta+2005] Peralta, V.; Bouzeghoub, M.: “*Data Freshness Evaluation in Different Application Scenarios*”. In Proc. of the 1<sup>st</sup> Data and Knowledge Quality Workshop (DKQ’2005), collocated with the 5<sup>èmes</sup> Journées d’extraction et Gestion des Connaissances (EGC’2005), Paris, France, 2005.
- [Peralta 2006] Peralta, V.: “*Evaluating Data Freshness in Web Warehousing Applications*”. Technical Report, In.Co., Universidad de la República, Uruguay, 2006.
- [Pipino+2002] Pipino, L.L.; Lee, Y.W.; Wang, R.: “*Data Quality Assessment*”. Communications of the ACM, vol. 45, No. 4ve, April 2002.
- [Pitsoulis+2001] Pitsoulis, L.; Resende, M.: “*Greedy randomized adaptive search procedures*”. Handbook of Applied Optimization, P.M. Pardalos and M.G.C. Resende, editors, pp: 168–181, Oxford University Press, 2001.
- [Poosala+1997] Poosala, V.; Ioannidis, Y.; Haas, P.; Shekita, E.: “*Selectivity estimation without the attribute value independence assumption*”. In Proc. of the 23<sup>rd</sup> Int. Conf. on Very Large Databases (VLDB’97), Athens, Greece, 1997.
- [Quass 1999] Quass, D.: “*A framework for research in data cleaning*” Draft, Brigham Young University, 1999.
- [Rahm+2000] Rahm, E.; Do, H. H.: “*Data Cleaning: Problems and Current Approaches*”. IEEE Data Engineering Bulletin, Vol. 23(4): 3-13, 2000.
- [Rakov 1998] Rakov, I.: “*Data quality and its use for reconciling inconsistencies in multidatabase environment*”. PhD Thesis, George Mason University, Virginia, USA, 1998.
- [Raman+2001] Raman, V.; Hellerstein, J.: “*Potter’s Wheel: An Interactive Data Cleaning System*”. In Proc. of the 27th Int. Conf. on Very Large Data Bases (VLDB’01), Roma, Italy, 2001.
- [Ramos+2006] Ramos, M.; Settimo, R.: “*Data Quality Evaluation: Herramienta para evaluación y configuración de la calidad en sistemas de integración de datos*”. Pre-grade Report, Facultad de Ingeniería, Universidad de la República, Uruguay, 2006.
- [Redman 1996] Redman, T.: “*Data Quality for the Information Age*”. Artech House, 1996.
- [Rouiller 2005] Rouiller, M.J.: “*Una Plataforma para Análisis de Calidad de Datos*”. Internal Report, Facultad de Ingeniería, Universidad de la República, Uruguay, 2006.
- [Sattler+2000] Sattler, K.U.; Conrad, S.; Saake, G.: “*Adding Conflict Resolution Features to a Query Language for Database Federations*”. In Proc. of the 3rd Workshop on Engineering Federated Information Systems (EFIS’2000), Dublin, Ireland, 2000.
- [Schurr+2002] Schurr, P.; Chengalur-Smith, I.; Pazer, H.: “*Information Quality and Online B2B Relationships After the Purchase*”. Draft paper. School of Business, University at Albany, USA, 2002.
- [Segev+1990] Segev, A.; Weiping, F.: “*Currency-Based Updates to Distributed Materialized Views*”. In Proc. of the 6<sup>th</sup> Int. Conf. on Data Engineering (ICDE’90), Los Angeles, USA, 1990.
- [Shanks+1999] Shanks, G.; Corbitt, B.: “*Understanding Data Quality: Social and Cultural Aspects*”. In Proc. of the 10th Australasian Conference on Information Systems, Wellington, New Zealand, 1999.
- [Shankaranarayan+2003] Shankaranarayan, G.; Ziad, M.; Wang, R.: “*Managing data quality in dynamic decision environments: an information product approach*”. Journal of Database Management, Vol. 14(4):14-32, 2003.
- [Shin 2003] Shin, B.: “*An exploratory Investigation of System Success Factors in Data Warehousing*”. Journal of the Association for Information Systems, Vol. 4: 141-170, 2003.
- [Strong+1997] Strong, D.; Lee, Y.; Wang, R.: “*Data Quality in Context*”. Communications of the ACM, Vol. 40(5), May 1997.
- [Theodoratos+1997] Theodoratos, D.; Sellis, T.: “*Data Warehouse Configuration*”. In Proc. of the 23rd Int. Conference on Very Large DataBases (VLDB’1997), Athens, Greece, 1997.

- [Theodoratos+1999] Theodoratos, D.; Bouzeghoub, M.: "*Data Currency Quality Factors in Data Warehouse Design*". In Proc. of the Int. Workshop on Design and Management of Data Warehouses (DMDW'99), Heidelberg, Germany. 1999.
- [USEPA 2004] U.S. Environment Protection Agency: "*Increase the Availability of Quality Health and Environmental Information*". Disponible en <http://www.epa.gov/oei/increase.htm> modificado en agosto 2004.
- [USNARA 2000] U.S. National Archives & Records Administration: "*The Soundex Indexing System*". URL: [http://www.archives.gov/research\\_room/genealogy/census/soundex.html](http://www.archives.gov/research_room/genealogy/census/soundex.html). Accessed on June 2005.
- [van der Aalst+2002] van der Aalst, W.; Hirnschall, A.; Verbeek, H.: "*An Alternative Way to Analyze Workflow Graphs*". In Proc. of the 14<sup>th</sup> Int. Conf. on Advanced Information Systems Engineering (CAISE'2002), Toronto, Canada, 2002.
- [van der Aalst+2003] van der Aalst, W.; Hofstede, A.; Kiepuszewski, B.; Barros, A.: "*Workflow Patterns*". In Distributed and Parallel Databases, Vol 14(1): 5-51, 2003.
- [van der Meyden 1992] van der Meyden, R.: "*The Complexity of Querying Indefinite Information*". PhD Thesis, Rutgers University, 1992.
- [Vassiliadis+2000] Vassiliadis, P.; Bouzeghoub, M.; Quix, C.: "*Towards Quality-oriented Data Warehouse Usage and Evolution*". Information Systems, Vol. 25(2): 89-115, May 2000.
- [Vassiliadis+2001] Vassiliadis, P.; Vagena, Z.; Skiadopoulos, S.; Sellis, T.: "*ARKTOS: towards the modeling, design, control and execution of ETL processes*". Information Systems, Vol 26(8): 537-561, 2001.
- [Vila+2006] Vila, D.; Balestra, M.: "*Evolución de Sistemas de Web Warehousing guiado por parámetros de calidad*". Pre-grade project, Facultad de Ingeniería, Universidad de la República, Uruguay, 2006.
- [Wand+1996] Wand, Y.; Wang, R.: "*Anchoring Data Quality Dimensions in Ontological Foundations*". Communications of the ACM, Vol. 39(11):86-95, 1996.
- [Wang+1996] Wang, R.; Strong, D.: "*Beyond accuracy: What data quality means to data consumers*". Journal on Management of Information Systems, Vol. 12 (4):5-34, 1996.
- [Weikum 1999] Weikum, G.: "*Towards guaranteed quality and dependability of information systems*". In Proc. of the Conf. Datenbanksysteme in B\*uro, Technik und Wissenschaft, Freiburg, Germany, 1999.
- [Widom 1995] Widom, J.: "*Research Problems in Data Warehousing*". In Proc. of the 4<sup>th</sup> Int. Conf. on Information and Knowledge Management (CIKM'95), Baltimore, USA. 1995.
- [Wiederhold 1992] Wiederhold, G.: "*Mediators in the architecture of future information systems*". IEEE Computer, Vol. 25(3):38-49, 1992.
- [Wikipedia 2006] Wikipedia. URL: [www.wikipedia.org](http://www.wikipedia.org). Last accessed on August 2006
- [Xue 2006] Xue, X.: "*Automatic Mapping Generation and Adaptation for XML Data Sources*". PhD Thesis, Université de Versailles, France, on going work.
- [Yang+1997] Yang, J. Karlapalem, K. Li, Q.: "*Algorithms for materialized view design in data warehousing environment*". In Proc. of the 23<sup>rd</sup> Int. Conf. on Very Large Databases (VLDB'97), Athens, Greece, 1997.
- [Zhuge+1997] Zhuge, Y.; Garcia-Molina, H.; Wiener, J.: "*Multiple View Consistency for Data Warehousing*". In Proc. of the 13<sup>th</sup> Int. Conf. on Data Engineering (ICDE'97), Birmingham, UK. 1997.
- [Zhu+2002] Zhu, Y.; Buchmann, A.: "*Evaluating and Selecting Web Sources as External Information Resources of a Data Warehouse*". In Proc. of the 3<sup>rd</sup> Int. Conf. on Web Information Systems Engineering (WISE'02), Singapore, 2002.
- [Ziemann+2005] Ziemann, J.; Mendling, J.: "*EPC-Based Modelling of BPEL Processes: a Pragmatic Transformation Approach*". In Proc. of the 7<sup>th</sup> Int. Conf. on Modern Information Technology in the Innovation Processes of the Industrial Enterprises (MITIP 2005), Genova, Italy, 2005.