

## **Liste de Publications 2010-2014 (Lotfi LAKHAL)**

### **Reuves internationales avec comités de sélection**

G. Gasmi, L. Lakhal, Y. Slimani:

An incremental Approach for Maintaining Functional Dependencies.  
Intelligent Data Analysis(IDA), Vol. 16, N° 3,1 2012, pp.365-381.

S. Nedjar, R. Cicchetti, L. Lakhal:

Extracting Semantics in OLAP Databases using Emerging Cubes.  
Informatien Sciences(ISc), Vol. 181, N°10, 2011, pp. 2036-2059.

L. Lakhal, S. Nedjar, R. Cicchetti, A. Casali:

Constrained Cube Lattices for Multidimensional Database Mining.  
International Journal of Data Warehousing and Mining (IJDWM), Vol. 6, N° 3, 2010, pp. 43-72.

### **Chapitre dans des ouvrages scientifiques publiés par un éditeur international**

S. Nedjar, L. Lakhal, R. Cicchetti:

Emerging Data Cube Representations for OLAP Database Mining. Contrast Data Mining: Concepts, Algorithms, and Applications. Guozhu Dong, James Bailey (Eds.).  
Chapman & Hall/CRC Data Mining and Knowledge Discovery Series, 2013, pp. 109-127.

R. Cicchetti, Lotfi Lakhal, Sébastien Nedjar:

Constrained Closed and Quotient Cubes.  
Advances in Knowledge Discovery and Management. Fabrice Guillet, Gilbert Ritschard, Djamel Abdelkader Zighed (Eds.).  
Studies in Computational Intelligence Vol.398, SpringerVerlag 2012, pp. 3-26.

R. Cicchetti, L. Lakhal, S. Nedjar, Noel Novelli, Alain Casali:

Summarizing Datacubes: Semantic and Syntactic Approaches.  
Integrations of Data Warehousing, Data Mining and Database Technologies: Innovative Approaches. David Taniar, Li Chen (Eds.).  
IGI Global, Information Science Reference 2011, pp. 9-39.

### **Reuves nationales avec comités de sélection**

S. Nedjar, F. Pecs, L. lakhal, R. Cicchetti :

Treillis des Concepts Skylines : Analyse Multidimensionnelle des Skylines fondée sur les Ensembles en Accords.  
Revue des Nouvelles Technologies de l'Information RNTI-E-20,  
Hermann-Éditions 2011, pp.227-238.

A. Casali, R. Cicchetti, L. Lakhal :  
Cube Fermés / Quotients Emergents.  
Revue des Nouvelles Technologies de l'Information RNTI-E-19,  
Cépaduès-Éditions 2010, pp.28-296.

**Conférences internationales avec comités de sélection et actes publiés par un éditeur  
internationales**

G. Gasmi, Y. Slimani, L. Lakhal:  
Towards a Parallel Approach for Incremental Mining of Functional Dependencies on Multi-core  
Systems.  
Knowledge-Based and Intelligent Information and Engineering Systems: 15th International  
Conference (KES'11), Kaiserslautern, Germany, September 12-14, 2011.  
Lecture Notes in Computer Science Vol. 6881 Springer-Verlag 2011, pp. 590-598.

G. Gasmi, A. Béji, Y. Slimani, L. Lakhal:  
Functional Dependency Mining: Harnessing Multicore Systems.  
10th IEEE/ACIS International Conference on Computer and Information Science, Sanya, Hainan  
Island, China May 16-18, 2011.  
IEEE Computer Society 2011, pp. 135-139.

S. Nedjar, F. Pesci, L. Lakhal, R. Cicchetti:  
The Agree Concept Lattice for Multidimensional Database Analysis.  
Formal Concept Analysis: 9th International Conference (ICFCA'11), Nicosia, Cyprus, May 2-6,  
2011.  
Lecture Notes in Computer Science, Vol. 6628, Springer-Verlag 2011, pp. 219-234.

S. Nedjar, A. Casali, R. Cicchetti, L. Lakhal:  
Constrained Closed Datacubes .  
Formal Concept Analysis: 8th International Conference (ICFCA'10), Agadir, Morocco, May 15-18,  
2010.  
Lecture Notes in Computer Science, Vol. 5986, Springer-Verlag 2011, pp. 177-192.