

Bibliography of the LAMSADE

The members of the LAMSADE have published 11 books , 45 book chapters, 346 articles in international journals, 337 articles in conference proceedings and 13 conference proceedings.

Books (11)

2012

- [1] J. Lang and P. Marquis. *Raisonnement non monotone, QBF et programmation par ensembles réponses*. Hermès - Lavoisier, 2012.

2013

- [2] R. Laraki, J. Renault, and S. Sorin. *Bases Mathématiques de la Théorie des Jeux*. Editions de l'Ecole Polytechnique, 2013.

2014

- [3] R. P. Dameri and C. Rosenthal-Sabroux. *Smart City. How to Create Public and Economic Value with High technology in Urban Space*. Springer, Berlin Heidelberg -, 2014.
- [4] D. Grossi and G. Pigozzi. *Judgment Aggregation: A Primer*. Morgan & Claypool Publishers, 2014.

2015

- [5] P.-E. Arduin, M. Grundstein, and C. Rosenthal-Sabroux. *Information and Knowledge System*. ISTE / Wiley, London -, 2015.
- [6] P.-E. Arduin, M. Grundstein, and C. Rosenthal-Sabroux. *Système d'information et de connaissance*. Iste Edition, London -, 2015.
- [7] E. Negre. *Information and Recommender Systems*. John Wiley & Sons, Inc., 1 edition, 2015.
- [8] E. Negre. *Systèmes de recommandation : introduction*. Iste Edition, Londres -, 2015.

2016

- [9] S. Beheshti, B. Benatallah, S. Sakr, D. Grigori, H. R. Motahari-Nezhad, M. C. Barukh, A. Gater, and S. H. Ryu. *Process Analytics - Concepts and Techniques for Querying and Analyzing Process Data*. Springer, 2016.
- [10] F. Brandt, V. Conitzer, U. Endriss, J. Lang, and A. D. Procaccia, editors. *Handbook of Computational Social Choice*. Cambridge University Press, 2016.
- [11] P. Mundler and J. Rouchier. *Alimentation et proximités : Jeux d'acteurs et territoires*. Educagri éditions, 2016.

Book Chapters (45)

2012

- [1] T. Cazenave. *Deductive Learning*, pages 909–911. Springer, Berlin Heidelberg -, 2012.
- [2] T. Cazenave. *Learning with Monte-Carlo methods*, page 3536. Springer, Berlin Heidelberg -, 2012.
- [3] A. Gater, D. Grigori, and M. Bouzeghoub. *A Graph-Based Approach for Semantic Process Model Discovery*, page 489. Information Science Reference, 2012.
- [4] L. Gourvès, J. Monnot, and O. Telelis. *Strategic Scheduling Games: Equilibria and Efficiency*, pages 209–244. Springer, Berlin Heidelberg -, 2012. in Book series, Springer Optimization and Its Applications, Volume 60.
- [5] J. Vissers, I. Adan, N. Dellaert, J. Jeunet, and J. Bekkers. *Patient mix optimisation for inpatient planning with multiple resources*, pages 213–236. Springer, Berlin Heidelberg -, 1 edition, 2012.

2013

- [6] G. Bourgne, N. Maudet, and S. Pinson. Hypothesis refinement: Building hypotheses in intelligent agent system. In K. Nakamatsu and L. Jain, editors, *Handbook on Reasoning-based Intelligent Systems*, chapter 6, pages 143–178. World Scientific Publishing, 2013.
- [7] C. Hedeler, A. Fernandes, K. Belhajjame, L. Mao, C. Guo, N. Paton, and S. Embury. *A Functional Model for Dataspace Management Systems*, pages 305–341. Springer, Berlin Heidelberg -, 2013.
- [8] P. Marcel, E. Negre, and J. Aligon. *Summarizing and Querying Logs of OLAP Queries*, pages 99–124. Springer, Berlin Heidelberg -, 2013.
- [9] B. Roy. *Robustness for Operations Research and Decision Aiding*, page 14 p. J. Wiley, New York, N.Y -, 2013.

2014

- [10] M. Balinski and R. Laraki. *What Should Majority Decision Mean?*, pages 103–131. Cambridge University Press, 2014.
- [11] S. Bouveret, J. Lang, and M. Lemaître. *Systèmes multiagents : décision collective*. Cepadues, 2014.
- [12] F. D. de Saint-Cyr, A. Herzig, J. Lang, and P. Marquis. *Raisonnement sur l'action et le changement*. Cepadues, 2014.
- [13] D. Ferraioli, L. Gourvès, S. Moretti, F. Pascual, and O. Spanjaard. *Combinatorial Optimization with Competing Agents*, pages 675–706. Wiley - Mathematics and Statistics, 2014.
- [14] S. Kaci, J. Lang, and P. Perny. *Représentation des préférences*. Cepadues, 2014.
- [15] J. Lang. *Actions, belief update, and DDL*, pages 229–251. Springer Netherlands, 2014. Outstanding Contributions to Logic, vol. 1.
- [16] R. Laraki and S. Sorin. *Handbook of Game Theory*, volume IV, chapter Advances in Zero-Sum Dynamic Games, pages 27–93. North-Holland, 2014.
- [17] A. R. Mahjoub. *Polyhedral Approaches*, pages 261–324. John Wiley & Sons, Inc., 1 edition, 2014.
- [18] E. Negre and C. Rosenthal-Sabroux. *Recommendations to Improve the Smartness of a City*, pages 101–115. Springer, Berlin Heidelberg -, 2014.
- [19] M. Nunez. *Social Choice Theory*, pages 3485–3490. Wiley-Blackwell, 2014.
- [20] C. Rosenthal-Sabroux, M. Grundstein, and P.-E. Arduin. *Considering Tacit Knowledge When Bridging Knowledge Management and Information Systems for Collaborative Decision-Making*, pages X–314. ISTE J. Wiley, London ; Hoboken, NJ -, 2014.

2015

- [21] I. Blečić, A. Cecchini, G. Fancello, and V. Talu. *Oltre le smart cities: città antifrágili, capacità urbane e camminabilità*. Lettera Ventidue, 2015.
- [22] D. Bouyssou, T. Marchant, M. Pirlot, A. Tsoukiàs, and P. Vincke. Aiding to decide: Concepts and issues. In R. Bisdorff, L. C. Dias, P. Meyer, V. Mousseau, and M. Pirlot, editors, *Evaluation and Decision Models with Multiple Criteria. Case Studies*, pages 17–34. Springer, Boston, 2015.

- [23] D. Bouyssou, T. Marchant, M. Pirlot, A. Tsoukiàs, and P. Vincke. Building recommendations. In R. Bisdorff, L. C. Dias, P. Meyer, V. Mousseau, and M. Pirlot, editors, *Evaluation and Decision Models with Multiple Criteria. Case Studies*, pages 89–113. Springer, Berlin Heidelberg -, 2015. in International Handbooks on Information Systems.
- [24] D. Bouyssou, T. Marchant, M. Pirlot, A. Tsoukiàs, and P. Vincke. *Modelling preferences*, pages 35–87. Springer, Berlin Heidelberg -, 2015. in International Handbooks on Information Systems.
- [25] P. Delias, D. Grigori, M. Mouhoub, and A. Tsoukiàs. *Discovering Characteristics that Affect Process Control Flow*, pages 51–63. Springer, Berlin Heidelberg -, 2015. Lecture Notes in Business Information Processing, vol. 221.
- [26] G. Fancello. *La riconquista dei diritti urbani negati: due progetti*. Franco Angeli, Milano -, 2015.
- [27] S. Guerrand, M. Öztürk-Escoffier, and A. Tsoukiàs. On the use of a multicriteria decision aiding tool for the evaluation of comfort. pages 475–500. Springer, Berlin Heidelberg -, 2015. in International Handbooks on Information Systems.
- [28] F. Montignac, V. Mousseau, D. Bouyssou, M. A. Aloulou, B. Rousval, and S. Damart. An MCDA approach for evaluating hydrogen storage systems for future vehicles. In R. Bisdorff, L. C. Dias, P. Meyer, V. Mousseau, and M. Pirlot, editors, *Evaluation and Decision Models with Multiple Criteria. Case Studies*, pages 501–529. Springer, Boston, 2015.
- [29] E. Negre and C. Rosenthal-Sabroux. *Smart Cities: A salad bowl of Citizens, ICT and Environment*, pages 61–78. IGI Global, 1 edition, 2015.
- [30] A. Tsoukiàs and H. Ralijaona. Rural road maintenance in madagascar: the genis project. In R. Bisdorff, L. C. Dias, P. Meyer, V. Mousseau, and M. Pirlot, editors, *Evaluation and Decision Models with Multiple Criteria. Case Studies*, pages 453–474. Springer, Berlin Heidelberg -, 2015.

2016

- [31] A. Antonini, I. Blečić, D. Canu, A. Cecchini, G. Fancello, and G. A. Trunfio. *Using Citizen-Provided Information to Build Purposeful Knowledge for Planning: Principles, Requirements, and Three Examples*, pages 329–342. Springer International Publishing, 2016. in Green Energy and Technology.
- [32] I. Blečić, D. Canu, A. Cecchini, T. Congiu, G. Fancello, and G. A. Trunfio. *Analisi dei comportamenti spazio-temporali dei turisti di Alghero*. Publica Press, Cagliari -, 2016.
- [33] D. Bouyssou and M. Pirlot. *Conjoint Measurement Tools for MCDM*, pages 97–151. Springer New York, New York, NY, 2016.
- [34] F. Brandt, V. Conitzer, U. Endriss, J. Lang, and A. D. Procaccia. *Introduction to Computational Social Choice*, chapter 1. Cambridge University Press, 2016.
- [35] J. Figueira, V. Mousseau, and B. Roy. ELECTRE methods. In M. E. José Rui Figueira, Salvatore Greco, editor, *Multiple Criteria Decision Analysis: State of the Art Surveys*, pages 133–153. Springer, Berlin -, 2016.
- [36] N. Guiraud and J. Rouchier. *L’Observatoire régional des circuits courts. Vers une évaluation du dispositif*, pages 103–127. Educagri éditions, 2016.
- [37] J. Lang and J. Rothe. *Fair Division of Indivisible Goods*, pages 493–550. Springer-Verlag Berlin Heidelberg, 2016.
- [38] J. Lang and L. Xia. *Voting in Combinatorial Domains*, chapter 9. Cambridge University Press, 2016.
- [39] L. Linguet and J. Atif. *A Markov Chain Monte Carlo-based Particle Filter Approach for Spatiotemporal Modelling of an Environmental Process*, pages 617–621. Springer International Publishing, 1 edition, 2016.
- [40] C. J. Michel, G. Blin, and F. Sikora. *Analyse de sequences : des méthodes combinatoires et algorithmiques*, pages 57–87. CNRS Editions, 2016.
- [41] S. Moretti, M. Öztürk-Escoffier, and A. Tsoukiàs. Preference modelling. In J. R. Figueira, S. Greco, and M. Ehrgott, editors, *Multiple Criteria Decision Analysis: State of the Art Surveys*, pages 43–95. Springer, Berlin -, 2016.
- [42] P. Mundler and J. Rouchier. *Introduction*, pages 15–25. Educagri éditions, 2016.
- [43] B. Roy. Paradigms and challenges. In M. E. José Rui Figueira, Salvatore Greco, editor, *Multiple Criteria Decision Analysis: State of the Art Surveys*, pages 3–24. Springer, Berlin -, 2016.

- [44] B. Amann and D. Grigori. *L'intégration de données massives, hétérogènes et distribuées*, pages 104–105. CNRS Editions, 2017.
- [45] Y. Meinard. *La biodiversité comme thème de philosophie économique*, pages 319–346. Editions matériologiques, Paris -, 2017.

Journal articles (346)

2012

- [1] A. Asinowski and B. Ries. Some properties of edge intersection graphs of single-bend paths on a grid. *Discrete Mathematics*, 312(2):427–440, 2012.
- [2] G. Ausiello, N. Boria, A. Giannakos, G. Lucarelli, and V. T. Paschos. Online maximum k-coverage. *Discrete Applied Mathematics*, 160(13-14):1901–1913, 2012.
- [3] F. Badeig and F. Balbo. Définition d’un cadre de conception et d’exécution pour la simulation multi-agent. *Revue d’Intelligence Artificielle*, 26(3):255–280, 2012.
- [4] C. Bazgan, S. Toubaline, and D. Vanderpooten. Efficient determination of the k most vital edges for the minimum spanning tree problem. *Computers and Operations Research*, 39(11):2888–2898, 2012.
- [5] G. Blin, P. Bonizzoni, R. Dondi, and F. Sikora. On the parameterized complexity of the repetition free longest common subsequence problem. *Information Processing Letters*, 112(7):272–276, Mars 2012.
- [6] E. Bonzon, M. Lagasquie-Schiex, and J. Lang. Effectivity functions and efficient coalitions in boolean games. *Synthese*, 187(Supplement-1):73–103, 2012.
- [7] N. Boria, C. Murat, and V. T. Paschos. On the probabilistic min spanning tree problem. *J. Math. Model. Algorithms*, 11(1):45–76, 2012.
- [8] N. Bourgeois, F. D. Croce, B. Escoffier, and V. T. Paschos. Algorithms for dominating clique problems. *Theor. Comput. Sci.*, 459:77–88, 2012.
- [9] N. Bourgeois, B. Escoffier, V. T. Paschos, and J. M. M. van Rooij. Fast algorithms for max independent set. *Algorithmica*, 62(1-2):382–415, 2012.
- [10] N. Bourgeois, A. Giannakos, G. Lucarelli, I. Milis, V. T. Paschos, and O. Pottié. The max quasi-independent set problem. *J. Comb. Optim.*, 23(1):94–117, 2012.
- [11] D. Bouyssou and M. Pirlot. An axiomatic approach to TACTIC. *Studia Informatica Universalis*, 10:45–71, 2012.
- [12] P. Cardaliaguet, R. Laraki, and S. Sorin. A continuous time approach for the asymptotic value in two-person zero-sum repeated games. *SIAM Journal on Control and Optimization*, 50:1573–1596, 2012.
- [13] T. Cazenave. Monte carlo beam search. *IEEE Transactions on Computational Intelligence and AI in Games*, 4(1):68–72, 2012.
- [14] T. Cazenave, J. Méhat, and A. Saffidine. Ucd : Upper confidence bound for rooted directed acyclic graphs. *Knowledge-Based Systems*, 34:26–33, 2012.
- [15] Y. Chevalerey, J. Lang, N. Maudet, J. Monnot, and L. Xia. New candidates welcome! possible winners with respect to the addition of new candidates. *Mathematical Social Sciences*, 64(1):74–88, 2012.
- [16] S. Coco, J. Theissen, P. Scaruffi, S. Stigliani, S. Moretti, A. Oberthuer, F. Valdora, M. Fischer, F. Gallo, B. Hero, S. Bonassi, F. Berthold, and G. P. Tonini. Agedependent accumulation of genomic aberrations and deregulation of cell cycle and telomerase genes in metastatic neuroblastoma. *International Journal of Cancer*, 131(7):1591–1600, 2012.
- [17] M. Couceiro and L. Haddad. Intersections of finitely generated maximal partial clones. *Journal of Multiple-Valued Logic and Soft Computing*, 19(1-3):85–94, 2012.
- [18] M. Couceiro and E. Lehtonen. Galois theory for sets of operations closed under permutation, cylindrication and composition. *Algebra Universalis*, 67(3):273–297, 2012.
- [19] M. Couceiro and J.-L. Marichal. Aczélian n-ary semigroups. *Semigroup Forum*, 85(1):81–90, 2012.
- [20] M. Couceiro and J.-L. Marichal. Axiomatizations of Lovász extensions of pseudo-Boolean functions. *Fuzzy Sets and Systems*, 181(1):2838, 2012.
- [21] M. Couceiro, T. Waldhauser, and E. Lehtonen. Decompositions of functions based on arity gap. *Discrete Mathematics*, 312(2):238–247, 2012.
- [22] S. Deparis, V. Mousseau, C. Pallier, C. Huron, and M. Öztürk-Escoffier. When conflict induces the expression of incomplete preferences. *European Journal of Operational Research*, 221(3):593–602, 2012.
- [23] J. A. Dias, J. Figueira, and B. Roy. A multiple criteria sorting method where each category is characterized by several reference actions: The Electre Tri-nC method. *European Journal of Operational Research*, 217(3):567–579, 2012.

- [24] B. Escoffier, L. Gourvès, and J. Monnot. Strategic coloring of a graph. *Internet Mathematics*, 8(4):424–455, 2012.
- [25] P. Foulhoux, O. E. Karasan, A. R. Mahjoub, O. Özkök, and H. Yaman. Survivability in hierarchical telecommunications networks. *Networks*, 59(1):37–58, 2012.
- [26] L. Galand and O. Spanjaard. Exact algorithms for OWA-optimization in multiobjective spanning tree problems. *Computers and Operations Research*, 39(7):1540–1554, 2012.
- [27] V. Giard and M. Sali. Pilotage d’une chaîne logistique par une approche de type MRP dans un environnement partiellement aléatoire. *Journal européen des systèmes automatisés*, 46(1):73–102, 2012.
- [28] L. Gourvès, J. Monnot, C. Martinhon, and A. Lyra. On paths, trails and closed trails in edge-colored graphs. *Discrete Mathematics and Theoretical Computer Science*, 14(2):57–74, 2012.
- [29] L. Gourvès, J. Monnot, and F. Pascual. Cooperation in multiorganization matching. *Algorithmic Operations Research*, 7(2):111–124, 2012.
- [30] G. Gutin, E. J. Kim, A. Soleimanfallah, S. Szeider, and A. Yeo. Parameterized complexity results for general factors in bipartite graphs with an application to constraint programming. *Algorithmica*, 64(1):112–125, 2012.
- [31] G. Gutin, E. J. Kim, A. Soleimanfallah, S. Szeider, and A. Yeo. Parameterized complexity results for general factors in bipartite graphs with an application to constraint programming. *Algorithmica*, 64(1):112–125, Sept. 2012.
- [32] R. Kalai, C. Lamboray, and D. Vanderpooten. Lexicographic -robustness : an alternative to min-maxcriteria. *European Journal of Operational Research*, 220(3):722–728, 2012.
- [33] M. Lacroix, H. Kerivin, and A. R. Mahjoub. Models for the single-vehicle preemptive pickup and delivery problem. *Journal of Combinatorial Optimization*, 23(2):196–223, 2012.
- [34] M. Lacroix, A. R. Mahjoub, S. Martin, and C. Picouleau. On the np-completeness of the perfect matching free subgraph problem. *Theoretical Computer Science*, 423:25–29, 2012.
- [35] J. Lang and P. Marquis. Introduction. *Revue d’Intelligence Artificielle*, 26(1-2):9–10, 2012.
- [36] J. Lang, M. S. Pini, F. Rossi, D. Salvagnin, K. B. Venable, and T. Walsh. Winner determination in voting trees with incomplete preferences and weighted votes. *Autonomous Agents and Multi-Agent Systems*, 25(1):130–157, 2012.
- [37] R. Laraki and J.-B. Lasserre. Semidefinite programming for min-max problems and games. *Mathematical Programming A*, 131:305–332, 2012.
- [38] E. Lehtonen, T. Waldhauser, and M. Couceiro. The arity gap of order-preserving functions and extensions of pseudo-boolean functions. *Discrete Applied Mathematics*, 160(4-5):383–390, 2012.
- [39] F. Lemos, K. Abbaci, D. Grigori, A. HadjAli, M. Bouzeghoub, L. Liétard, and D. Rocacher. Intégration de préférences dans la découverte et la sélection des services web. *Ingénierie des systèmes d’information*, 17(5):35–56, 2012.
- [40] W. Litwin, T. Schwarz, and D. Long. Combining chunk boundary and chunk signature calculations for deduplication. *Revista IEEE Latin America*, 10(1):1305–1311, 2012.
- [41] A. R. Mahjoub and P. Foulhoux. Solving VLSI design and DNA sequencing problems using bipartization of graphs. *Computational Optimization and Applications*, 51(2):749–781, 2012.
- [42] A. R. Mahjoub, I. Kacem, and M. Hifi. Editorial. *International Journal of Mathematics in Operational Research*, 4(3):211–213, 2012.
- [43] A. R. Mahjoub, M. Lacroix, and H. Kerivin. On the complexity of the eulerian closed walk with precedence path constraints problem. *Theoretical Computer Science*, 439:16–29, 2012.
- [44] J.-L. Marichal and M. Couceiro. Polynomial functions over bounded distributive lattices. *Journal of Multiple-Valued Logic and Soft Computing*, 18(3-4):247–256, 2012.
- [45] J.-L. Marichal, T. Waldhauser, and M. Couceiro. Locally monotone boolean and pseudo-boolean functions. *Discrete Applied Mathematics*, 160(12):1651–1660, 2012.
- [46] F. Morandi, P. Scaruffi, F. Gallo, S. Stigliani, S. Moretti, S. Bonassi, C. Gambini, K. M. K., P. Fardin, R. Haupt, V. Pistoia, G. Tonini, and M. Corrias. Bone marrow-infiltrating human neuroblastoma cells express high levels of calprotectin and hla-g proteins. *PLoS ONE*, 7(1):11, 2012.
- [47] V. Mousseau, H. Aissi, and S. Chakhar. Gis-based multicriteria evaluation approach for corridor siting.

- Environment and Planning. B, Planning and Design*, 39(2):287–307, 2012.
- [48] O. Ozkök, A. R. Mahjoub, H. Y. H., O. Ekin-Karasan, and P. Foulhoux. Survivability in hierarchical telecommunications networks. *Networks*, 59(1):37–58, 2012.
 - [49] S. Parodi, G. Zanazzo, P. Fardin, S. Moretti, V. Pistoia, and M. V. Corrias. Bone marrow of neuroblastoma patients shows downregulation of cxcl12 expression and presence of ifn signature. *Pediatric Blood & Cancer*, 59(1):44–51, 2012.
 - [50] V. Paschos and S. Paschos. Reoptimization of the minimum spanning tree. *Wiley Interdisciplinary Reviews. Computational Statistics*, 4(2):211–217, 2012.
 - [51] C. Picouleau, M.-C. Costa, D. de Werra, C. Bentz, and B. Ries. d-transversals of stable sets and vertex covers in weighted bipartite graphs. *Journal of Discrete Algorithms*, 17:95–102, 2012.
 - [52] S. Pinson, F. Balbo, and N. Bhouri. An agent-based computational approach for urban traffic regulation. *Progress in Artificial Intelligence*, 1(2):139–147, 2012.
 - [53] B. Ries, V. Lozin, K. Dabrowski, and R. Raman. Colouring vertices of triangle-free graphs without forests. *Discrete Mathematics*, 312(7):1372–1385, 2012.
 - [54] B. Roy. Robustesse et recherche opérationnelle en aide à la décision. *Annales de l’ISUP*, 56(2-3):5–15, 2012.
 - [55] M. Rukoz, M. Rukoz, Y. Cardinale, and R. Angarita. Faceta*: Checkpointing for transactional composite web service execution based on petri-nets. *Procedia Computer Science*, 10:874–879, 2012.
 - [56] M. Sali and V. Giard. L’effet coup de fouet dans la chane logistique : une littérature contingente et incomplète. *Revue française de gestion industrielle*, 31(2):24–42, 2012.
 - [57] P. Seymour, B. Birand, G. Zussman, Y. Zwols, M. Chudnovsky, and B. Ries. Analyzing the performance of greedy maximal scheduling via local pooling and graph theory. *IEEE/ACM Transactions on Networking*, 20(1):163–176, 2012.
 - [58] S. Stigliani, S. Coco, S. Moretti, A. Oberthuer, J. Theissen, F. Gallox, A. Garaventa, F. Berthold, S. Bonassi, G. P. Tonini, and P. Scaruffi. High genomic instability predicts survival in metastatic high-risk neuroblastoma. *Neoplasia*, 14(9):823–832, 2012.
 - [59] Á. Szendrei, K. Kearnes, M. Behrisch, E. Lehtonen, and M. Couceiro. Commuting polynomial operations of distributive lattices. *Order*, 29(2):245–269, 2012.
 - [60] R. Zenklusen, D. de Werra, and B. Ries. A note on chromatic properties of threshold graphs. *Discrete Mathematics*, 312(10):1838–1843, 2012.

2013

- [61] S. Airiau. Cooperative games and multiagent systems. *The Knowledge Engineering Review*, 28(04):381–424, Déc. 2013.
- [62] M. A. Aloulou, M. Haouari, and F. Z. Mansour. A model for enhancing robustness of aircraft and passenger connections. *Transportation Research. Part C, Emerging Technologies*, 32:48–60, 2013.
- [63] F. Bacall, M. B. Vargas, K. Belhajjame, J. Bhagat, I. Dunlop, D. Fellows, P. Fisher, C. Goble, R. Haines, A. Hardisty, A. Nenadic, A. N. de la Hidalga, S. Owen, S. Soiland-Reyes, S. Sufi, A. Williams, D. Withers, K. Wolstencroft, and K. Belhajjame. The taverna workflow suite: designing and executing workflows of web services on the desktop, web or in the cloud. *Nucleic Acids Research*, 41(W1):W557–W561, 2013.
- [64] M. Balinski and R. Laraki. Jugement majoritaire vs vote majoritaire (via les présidentielles de 2011–2012). *Revue Française d’Economie*, 27:11–44, 2013.
- [65] C. Bazgan, M. Chopin, and B. Ries. The firefighter problem with more than one firefighter on trees. *Discrete Applied Mathematics*, 161(7-8):899–908, 2013.
- [66] C. Bazgan, L. Gourvès, and J. Monnot. Approximation with a fixed number of solutions of some multiobjective maximization problems. *Journal of Discrete Algorithms*, 22:19–29, 2013.
- [67] C. Bazgan, L. Gourvès, J. Monnot, and F. Pascual. Single approximation for the biobjective max tsp. *Theoretical Computer Science*, 478:41–50, 2013.
- [68] C. Bazgan, F. Jamain, and D. Vanderpooten. On the number of non-dominated points of a multicriteria optimization problem. *Discrete Applied Mathematics*, 161(18):2841–2850, 2013.
- [69] C. Bazgan, S. Toubaline, and D. Vanderpooten. Complexity of determining the most vital elements for

- the p-median and p-center location problems. *Journal of Combinatorial Optimization*, 25(2):191–207, 2013.
- [70] C. Bazgan, S. Toubaline, and D. Vanderpooten. Critical edges for the assignment problem : complexity and exact resolution. *Operations Research Letters*, 41(6):685–689, 2013.
 - [71] C. Bazgan, S. Toubaline, and D. Vanderpooten. Critical edges/nodes for the minimum spanning tree problem: complexity and approximation. *Journal of Combinatorial Optimization*, 26(1):178–189, 2013.
 - [72] K. Belhajjame, S. Embury, A. Fernandes, C. Hedeler, and N. Paton. Incrementally improving dataspace based on user feedback. *Information Systems*, 38(5):656–687, Juil. 2013.
 - [73] A. Benhamiche, A. R. Mahjoub, and E. Uchoa. Capacitated network design using bin-packing. *Electronic Notes in Discrete Mathematics*, 41:479–486, 2013.
 - [74] C. Bentz, B. Ries, and D. Cornaz. Packing and covering with linear programming: A survey. *European Journal of Operational Research*, 227(3):409–422, 2013.
 - [75] G. Blin, S. Vialette, F. Sikora, and R. Rizzi. Minimum mosaic inference of a set of recombinants. *International Journal of Foundations of Computer Science*, 24(1):51–66, 2013.
 - [76] G. Boella, H. Verhagen, P. Noriega, and G. Pigozzi. Introduction to the special issue on normas 2009. *Journal of logic and computation*, 23(2):307–308, 2013.
 - [77] G. Bonanno, A. Herzig, W. van der Hoek, and J. Lang. Introduction to the special issue. *Int. J. Game Theory*, 42(3):563–566, 2013.
 - [78] N. Boria, N. Bourgeois, B. Escoffier, and V. T. Paschos. Exponential approximation schemata for some network design problems. *J. Discrete Algorithms*, 22:43–52, 2013.
 - [79] N. Boria, J. Monnot, and V. T. Paschos. Reoptimization of maximum weight induced hereditary subgraph problems. *Theor. Comput. Sci.*, 514:61–74, 2013.
 - [80] N. Boria, J. Monnot, and V. T. Paschos. Reoptimization under vertex insertion: Max p_k -free subgraph and max planar subgraph. *Discrete Math., Alg. and Appl.*, 5(2), 2013.
 - [81] S. Borne, A. R. Mahjoub, and R. Taktak. A branch-and-cut algorithm for the multiple steiner tsp with order constraints. *Electronic Notes in Discrete Mathematics*, 41:487494, 2013.
 - [82] N. Bourgeois, F. D. Croce, B. Escoffier, and V. T. Paschos. Fast algorithms for min independent dominating set. *Discrete Applied Mathematics*, 161(4-5):558–572, 2013.
 - [83] D. Bouyssou and T. Marchant. Multiattribute preference models with reference points. *European Journal of Operational Research*, 229(2):470–481, 2013.
 - [84] A. Caprara, F. Furini, and E. Malaguti. Uncommon dantzig-wolfe reformulation for the temporal knapsack problem. *INFORMS Journal on Computing*, 25(3):560–571, 2013.
 - [85] T. Cazenave. Monte-carlo expression discovery. *International Journal on Artificial Intelligence Tools*, 22(1):1–22, 2013.
 - [86] P. Cicarese, K. Belhajjame, T. Clark, C. Goble, A. J. Gray, and S. Soiland-Reyes. PAV ontology: provenance, authoring and versioning. *Journal of Biomedical Semantics*, 4(1):37, 2013.
 - [87] D. Cornaz and V. H. Nguyen. König’s edge-colouring theorem for all graphs. *Oper. Res. Lett.*, 41(6):592–596, 2013.
 - [88] M. Couceiro and T. Waldhauser. Interpolation by polynomial functions of distributive lattices: a generalization of a theorem of r. l. goodstein. *Algebra Universalis*, 69(3):287–299, 2013.
 - [89] I. Diarassouba, H. Youssef, A. R. Mahjoub, and A. Lourimi. Hose workload based exact algorithm for the optimal design of virtual private networks. *Computer Networks*, 57(14):2766–2774, 2013.
 - [90] J. A. Dias, F. Macary, A. Probst, and D. Uny. Assessment of the effects of best environmental practices on reducing pesticide contamination in surface water, using multi-criteria modelling combined with a gis. *International Journal of Multicriteria Decision Making*, 3(2/3):178–211, 2013.
 - [91] J. Figueira, S. Greco, B. Roy, and R. Slowinski. An overview of ELECTRE methods and their recent extensions. *Journal of Multi-Criteria Decision Analysis*, 20(1-2):61–85, 2013.
 - [92] J. Figueira, L. Paquete, M. Simoes, and D. Vanderpooten. Algorithmic improvements on dynamic programming for the bi-objective $\{0,1\}$ knapsack problem. *Computational Optimization and Applications*, 56(1):97–111, 2013.
 - [93] F. Furini and M. P. Kidd. A fast heuristic approach for train timetabling in a railway node. *Electronic*

Notes in Discrete Mathematics, 41:205–212, 2013.

- [94] F. Furini and E. Malaguti. Models for the two-dimensional two-stage cutting stock problem with multiple stock size. *Computers & OR*, 40(8):1953–1962, 2013.
- [95] V. Gabrel, C. Murat, and L. Wu. New models for the robust shortest path problem: complexity, resolution and generalization. *Annals OR*, 207(1):97–120, 2013.
- [96] V. Giard and M. Sali. The bullwhip effect in supply chains: a study of contingent and incomplete literature. *International Journal of Production Research*, 51(13):3880–3893, 2013.
- [97] M. Grabisch and M. Couceiro. On the poset of computation rules for nonassociative calculus. *Order*, 30(1):269–288, 2013.
- [98] M. Grundstein, C. R.-S. C., and P.-E. Arduin. Evaluer la prise en compte des connaissances tacites dans un système d’information. Vers un système d’information et de connaissance. *Ingénierie des systèmes d’information*, 18(3):121–148, 2013.
- [99] S. Guillemot and F. Sikora. Finding and counting vertex-colored subtrees. *Algorithmica*, 65(4):828–844, Avr. 2013.
- [100] A. Herzig, J. Lang, and P. Marquis. Propositional update operators based on formula/literal dependence. *ACM Trans. Comput. Log.*, 14(3):24:1–24:31, 2013.
- [101] S. Jajodia, W. Litwin, and T. J. E. Schwarz. Recoverable encryption through a noised secret over a large cloud. *Trans. Large-Scale Data- and Knowledge-Centered Systems*, 9:42–64, 2013.
- [102] I. Kacem and V. T. Paschos. Weighted completion time minimization on a single-machine with a fixed non-availability interval: Differential approximability. *Discrete Optimization*, 10(1):61–68, 2013.
- [103] E. J. Kim and D. Gonçalves. On exact algorithms for permutation CSP. *Theoretical Computer Science*, 511:109–116, 2013.
- [104] E. J. Kim and D. Gonçalves. On exact algorithms for the permutation CSP. *Theor. Comput. Sci.*, 511:109–116, 2013.
- [105] W. Kubiak, B. Ries, Y. Zwols, and D. Dereniowski. Optimal edge-coloring with edge rate constraints. *Networks*, 62(3):165–182, 2013.
- [106] H. Kutucu, I. Diarrassouba, and A. R. Mahjoub. Two node-disjoint 3-hop-constrained survivable network design and polyhedra. *Electronic Notes in Discrete Mathematics*, 41:551–558, 2013.
- [107] H. Kutucu, I. Diarrassouba, and A. R. Mahjoub. Two node-disjoint hop-constrained survivable network design and polyhedra. *Electronic Notes in Discrete Mathematics*, 41:551–558, 2013.
- [108] R. Laraki, A. Maitra, and W. Sudderth. Two-person zero-sum stochastic games with semicontinuous payoff. *Dynamic Games and Applications*, 3:162–171, 2013.
- [109] R. Laraki and P. Mertikopoulos. Higher order games dynamics. *Journal of Economic Theory*, 148:2666–2695, 2013.
- [110] R. Laraki and E. Solan. Equilibrium in two-player non-zero-sum dynkin games in continuous time. *Stochastics*, 85:997–1014, 2013.
- [111] D. Madakat, J. Morio, and D. Vanderpooten. Biobjective planning of an active debris removal mission. *Acta Astronautica*, 84:182–188, 2013.
- [112] J. Monnot, E. Fritzilas, M. Milanic, and Y. A. Rios-Solis. Resilience and optimization of identifiable bipartite graphs. *Discrete Applied Mathematics*, 161(4-5):593–603, 2013.
- [113] J. Monnot, L. Gourvès, and B. Escoffier. Fair solutions for some multiagent optimization problems. *Autonomous Agents and Multi-Agent Systems*, 26(2):184–201, 2013.
- [114] J. Monnot, C. Martinhon, A. Lyra, and L. Gourvès. Complexity of trails, paths and circuits in arc-colored digraphs. *Discrete Applied Mathematics*, 161(6):819–828, 2013.
- [115] S. Moretti. On some open problems arising from the application of coalitional games in medicine. *International Game Theory Review*, 15(3), 2013.
- [116] V. Mousseau, B. Mayag, O. Cailloux, and P. Meyer. Operational tools to build a multicriteria territorial risk scale with multiple stakeholders. *Reliability Engineering & System Safety*, 120:88–97, 2013.
- [117] V. T. Paschos. Preface. *Theor. Comput. Sci.*, 511:1, 2013.
- [118] B. Ries, D. Cornaz, T. Ekim, and F. Bonomo. Perfectness of clustered graphs. *Discrete Optimization*, 10(4):296–303, 2013.

- [119] B. Ries and M. C. Golumbic. On the intersection graphs of orthogonal line segments in the plane: Characterizations of some subclasses of chordal graphs. *Graphs and Combinatorics*, 29(3):499–517, 2013.
- [120] C. Rosenthal-Sabroux, P.-E. Arduin, and M. Grundstein. From knowledge sharing to collaborative decision making. *International Journal of Information and Decision Sciences*, 5(3):295–311, 2013.
- [121] B. Roy and R. Słowiński. Questions guiding the choice of a multicriteria decision aiding method. *EURO Journal on Decision Processes*, 1(1):69–97, 2013.
- [122] A. Tsoukiàs, G. Montibeller, G. Lucertini, and V. Belton. Policy analytics: an agenda for research and practice. *EURO Journal on Decision Processes*, 1(1-2):115–134, 2013.
- [123] E. Uchoa, A. R. Mahjoub, and L. Simonetti. Hop-level flow formulation for the survivable network design with hop constraints problem. *Networks*, 61(2):171–179, 2013.
- [124] J. Vaillancourt, D. Anggraini, E. Negre, and R. Missaoui. Social network restructuring after a node removal. *International Journal of Web Engineering and Technology*, 8(1):4–26, 2013.
- [125] F. Valdora, B. Banelli, S. Stigliani, S. M. Pfister, S. Moretti, M. Kool, M. Remke, A. H. Bai, C. Brigati, T. Hielscher, M. Romani, T. Sevidei, M. Zollo, G. Cinalli, A. Oberthuer, G. P. Tonini, and S. Coco. Epigenetic silencing of dkk3 in medulloblastoma. *International Journal of Molecular Sciences*, 14(4):7492–7505, 2013.
- [126] H. van Ditmarsch and J. Lang. Editorial introduction to the special issue LORI guangzhou. *Synthese*, 190(Supplement-1):1–4, 2013.
- [127] T. Waldhauser, E. Lehtonen, and M. Couceiro. Parametrized arity gap. *Order*, 30(2):557–572, 2013.
- [128] M. Wooldridge, U. Endriss, S. Kraus, and J. Lang. Incentive engineering for boolean games. *Artif. Intell.*, 195:418–439, 2013.

2014

- [129] A. Agnetis, M. A. Aloulou, and L. Fu. Coordination of production and interstage batch delivery with outsourced distribution. *European Journal of Operational Research*, 238(1):130–142, 2014.
- [130] A. Agnetis, L. Fu, and M. A. Aloulou. Coordination of production and interstage batch delivery with outsourced distribution. *European Journal of Operational Research*, 238(1):130–142, 2014.
- [131] S. Airiau, D. Villatoro, and S. Sen. Emergence of conventions through social learning. *Autonomous Agents and Multi-Agent Systems*, 28(5):779–804, 2014.
- [132] L. Alfandari and J. Monnot. A note on the clustered set covering problem. *Discrete Applied Mathematics*, 164:13–19, 2014.
- [133] M. A. Aloulou, A. Bouzaïene, N. Dridi, and D. Vanderpooten. A bicriteria two-machine flow-shop serial-batching scheduling problem with bounded batch size. *Journal of Scheduling*, 17(1):17–29, 2014.
- [134] E. Angelelli, C. Bazgan, M. G. Speranza, and Z. Tuza. Complexity and approximation for traveling salesman problems with profits. *Theoretical Computer Science*, 531:54–65, 2014.
- [135] R. A. Arocha, Y. Cardinale, and M. Rukoz. Reliable composite web services execution: Towards a dynamic recovery decision. *Electronic Notes in Theoretical Computer Science*, 302:5–28, 2014.
- [136] F. Balbo, S. Pinson, and J. Saunier. A formal model of communication and context awareness in multiagent systems. *Journal of Logic, Language and Information*, 23(2):219–247, 2014.
- [137] M. Balinski and R. Laraki. Judge: Don’t vote. *Operations Research*, 28:483–511, 2014.
- [138] C. Bazgan and M. Chopin. The complexity of finding harmless individuals in social networks. *Discrete Optimization*, 14:170–182, 2014.
- [139] C. Bazgan, M. Chopin, M. Cygan, M. Fellow, F. Fomin, and E. van Leeuwen. Parameterized complexity of firefighting. *Journal of Computer and System Sciences*, 80(7):1285–1297, 2014.
- [140] C. Bazgan, M. Chopin, A. Nichterlein, and F. Sikora. Parameterized approximability of maximizing the spread of influence in networks. *Journal of Discrete Algorithms*, 27:54–65, Jul. 2014.
- [141] C. Bazgan, M. Chopin, A. Nichterlein, and F. Sikora. Parameterized inapproximability of target set selection and generalizations. *Computability*, 3(2):135–145, 2014.
- [142] K. Belhajjame, S. M. Embury, and N. W. Paton. Verification of semantic web service annotations using ontology-based partitioning. *IEEE Trans. Services Computing*, 7(3):515–528, 2014.

- [143] L. Belhouli, L. Galand, and D. Vanderpooten. An efficient procedure for finding best compromise solutions to the multi-objective assignment problem. *Computers and Operations Research*, 49:97–106, 2014.
- [144] G. Blin, P. Bonizzoni, R. Dondi, R. Rizzi, and F. Sikora. Complexity insights of the minimum duplication problem. *Theoretical Computer Science*, 530:66–79, Avr. 2014.
- [145] E. Bonnet and V. T. Paschos. Parameterized (in)approximability of subset problems. *Oper. Res. Lett.*, 42(3):222–225, 2014.
- [146] D. Bouyssou and T. Marchant. An axiomatic approach to bibliometric rankings and indices. *Journal of Informetrics*, 8(3):449–477, 2014.
- [147] A. Caprara, F. Furini, A. Lodi, M. Mangia, R. Rovatti, and G. Setti. Generation of antipodal random vectors with prescribed non-stationary 2-nd order statistics. *IEEE Trans. Signal Processing*, 62(6):1603–1612, 2014.
- [148] M. Chopin, A. Nichterlein, R. Niedermeier, and M. Weller. Constant thresholds can make target set selection tractable. *Theory of Computing Systems*, 55(1):61–83, 2014.
- [149] D. Colazzo, F. Goasdoué, I. Manolescu, and A. Roatis. Analyse de données RDF. lentilles pour graphes sémantiques. *Ingénierie des Systèmes d’Information*, 19(4):87–117, 2014.
- [150] D. Cornaz and P. Meurdesoif. Chromatic Gallai identities operating on Lovasz number. *Mathematical Programming*, 144(1-2):347–368, 2014.
- [151] M. Couceiro and T. Waldhauser. Pseudo-polynomial functions over finite distributive lattices. *Fuzzy Sets and Systems*, 239:21–34, 2014.
- [152] F. D. Croce and V. T. Paschos. Efficient algorithms for the max k-vertex cover problem. *J. Comb. Optim.*, 28(3):674–691, 2014.
- [153] R. Crowston, M. Fellows, G. Gutin, M. Jones, E. J. Kim, F. Rosamond, I. Ruzsa, S. Thomassé, and A. Yeo. Satisfying more than half of a system of linear equations over $GF(2)$: A multivariate approach. *Journal of Computer and System Sciences*, 80(4):687–696, Juin 2014.
- [154] R. Crowston, M. R. Fellows, G. Gutin, M. Jones, E. J. Kim, F. Rosamond, I. Z. Ruzsa, S. Thomassé, and A. Yeo. Satisfying more than half of a system of linear equations over $GF(2)$: A multivariate approach. *J. Comput. Syst. Sci.*, 80(4):687–696, 2014.
- [155] D. de Werra, N. Maculan, and A. R. Mahjoub. Preface. *Discrete Applied Mathematics*, 164:1, 2014.
- [156] M. Demange, P. Pop, B. Ries, and J. Monnot. On the complexity of the selective graph coloring problem in some special classes of graphs. *Theoretical Computer Science*, 540-541:89–102, 2014.
- [157] S. Embury, K. Belhajjame, and N. Paton. Verification of semantic web service annotations using ontology-based partitioning. *IEEE Transactions on Services Computing*, 7:515–528, 2014.
- [158] U. Endriss and S. Airiau. Multiagent resource allocation with sharable items. *Autonomous Agents and Multi-Agent Systems*, 28(6):956–985, 2014.
- [159] B. Escoffier, V. T. Paschos, and E. Tourniaire. Approximating MAX SAT by moderately exponential and parameterized algorithms. *Theor. Comput. Sci.*, 560:147–157, 2014.
- [160] V. Gabrel, M. Lacroix, C. Murat, and N. Remli. Robust location transportation problems under uncertain demands. *Discrete Applied Mathematics*, 164:100–111, 2014.
- [161] V. Gabrel, C. Murat, and A. Thiele. Recent advances in robust optimization: An overview. *European Journal of Operational Research*, 235(3):471–483, 2014.
- [162] D. Garijo, P. Alper, K. Belhajjame, Ó. Corcho, Y. Gil, and C. A. Goble. Common motifs in scientific workflows: An empirical analysis. *Future Generation Comp. Syst.*, 36:338–351, 2014.
- [163] V. Giard and M. Sali. Définition du risque optimal de rupture de stock dun composant en cas dapprovisionnement durgence. *Journal européen des systèmes automatisés*, 48(1-3):55–77, 2014.
- [164] M. C. Golumbic, B. Ries, and E. Cohen. Characterizations of cographs as intersection graphs of paths on a grid. *Discrete Applied Mathematics*, 178:46–57, 2014.
- [165] K. M. Hettne, S. Bechhofer, K. Belhajjame, O. Corcho, D. Cruickshank, H. Dharuri, J. Garrido, C. Goble, G. Klyne, E. Mina, M. Roos, S. Soiland-Reyes, M. Thompson, L. Verdes-Montenegro, K. Wolstencroft, J. Zhao, D. de Roure, R. van Schouwen, and . A. C. t Hoen. Structuring research methods and data with the research object model: genomics workflows as a case study. *Journal of Biomedical*

Semantics, 5(1):41, 2014.

- [166] K. M. Hettne, H. Dharuri, J. Zhao, K. Wolstencroft, K. Belhajjame, S. Soiland-Reyes, E. Mina, M. Thompson, D. Cruickshank, L. Verdes-Montenegro, J. Garrido, D. D. Roure, Ó. Corcho, G. Klyne, R. van Schouwen, P. A. C. 't Hoen, S. Bechhofer, C. A. Goble, and M. Roos. Structuring research methods and data with the research object model: genomics workflows as a case study. *J. Biomedical Semantics*, 5:41, 2014.
- [167] J. Hofbauer, R. Laraki, and J. Renault. Preface: Special issue in honor of the 60th birthday of sylvain sorin. *Journal of Dynamics and Games*, 1(3):i–iv, 2014.
- [168] V. Kana-Zeumo, B. Somé, and A. Tsoukiàs. A new methodology for multidimensional poverty measurement based on the capability approach. *Socio-Economic Planning Sciences*, 48(4):273–289, 2014.
- [169] M. Lampis. Improved inapproximability for TSP. *Theory of Computing*, 10(9):217–236, 2014.
- [170] M. Lampis. Model checking lower bounds for simple graphs. *Logical Methods in Computer Science*, 10(1: 18):1–21, 2014.
- [171] F. Macary, J. A. Dias, J. R. Figueira, and B. Roy. A multiple criteria decision analysis model based on ELECTRE TRI-C for erosion risk assessment in agricultural areas. *Environmental Modeling & Assessment*, 19(3):221–242, 2014.
- [172] N. Maculan, A. R. Mahjoub, and E. Uchoa. Preface. *RAIRO - Operations Research*, 48(2):151–152, 2014.
- [173] V. Markakis, I. Milis, and V. T. Paschos. Special issue: "combinatorial optimization: Theory of algorithms and complexity". *Theor. Comput. Sci.*, 540:1, 2014.
- [174] C. Mazri, G. Lucertini, A. Olivotto, G. Prod'homme, and A. Tsoukiàs. Protection of transport infrastructures against major accidents in land use planning policies. a decision support approach. *Journal of Loss Prevention in the Process Industries*, 27:119–129, 2014.
- [175] M. Merad, N. Dechy, M. Llory, F. Marcel, and A. Tsoukiàs. Towards an analytics and an ethics of expertise: Learning from decision aiding experiences in public risk assessment and risk management. *EURO Journal on Decision Processes*, 2(1-2):63–90, 2014.
- [176] S. Moretti. On the role of coalitional network games in modelling the social dimension in ecosystem management. *Strategic Behavior and the Environment*, 4(2):155–186, 2014.
- [177] S. Moretti and F. Patrone. Ict-based strategies for environmental conflicts. *Strategic Behavior and the Environment*, 4(2):89–98, 2014.
- [178] M. Nunez. The strategic sincerity of approval voting. *Economic Theory*, 56(1):157–189, 2014.
- [179] C. Rosenthal-Sabroux, E. Negre, B. Mayag, and P.-E. Arduin. How to compromise on the best price? A group tacit knowledge-based multicriteria approach. *Journal of Decision Systems*, 23(1):99–112, 2014.
- [180] B. Roy, J. Figueira, and J. Almeida-Dias. Discriminating thresholds as a tool to cope with imperfect knowledge in multiple criteria decision aiding: Theoretical results and practical issues. *Omega*, 43:9–20, 2014.
- [181] G. Rudolf, N. Noyan, and V. Giard. Modeling sequence scrambling and related phenomena in mixed-model production lines. *European Journal of Operational Research*, 237(1):177–195, 2014.
- [182] T. Waldhauser, M. Couceiro, and E. Lehtonen. Additive decomposition schemes for polynomial functions over fields. *Novi Sad Journal of Mathematics*, 44(2):89–105, 2014.

2015

- [183] A. Agnetis, M. A. Aloulou, L. Fu, and M. Y. Kovalyov. Two faster algorithms for coordination of production and batch delivery: A note. *European Journal of Operational Research*, 241(3):927–930, 2015.
- [184] A. Agnetis, M. Y. Kovalyov, M. A. Aloulou, and L. Fu. Two faster algorithms for coordination of production and batch delivery: A note. *European Journal of Operational Research*, 241(3):927–930, 2015.
- [185] H. Aissi, A. R. Mahjoub, S. T. McCormick, and M. Queyranne. Strongly polynomial bounds for multiobjective and parametric global minimum cuts in graphs and hypergraphs. *Math. Program.*, 154(1-2):3–28, 2015.

- [186] H. Aziz, M. Brill, F. A. Fischer, P. Harrenstein, J. Lang, and H. G. Seedig. Possible and necessary winners of partial tournaments. *J. Artif. Intell. Res. (JAIR)*, 54:493–534, 2015.
- [187] A. Balzi, F. Yger, and M. Sugiyama. Importance-weighted covariance estimation for robust common spatial pattern. *Pattern Recognition Letters*, 68:139–145, 2015.
- [188] N. Barrot, J. Lang, and B. Ries. Vote par approbation pour les élections à vainqueurs multiples. une famille générale de règles, leur complexité algorithmique et leur manipulabilité. *Revue d'Intelligence Artificielle*, 29(3-4):265–291, 2015.
- [189] C. Bazgan, C. Bentz, C. Picouleau, and B. Ries. Blockers for the stability number and the chromatic number. *Graphs and Combinatorics*, 31(1):73–90, 2015.
- [190] C. Bazgan, F. Jamain, and D. Vanderpooten. Approximate pareto sets of minimal size for multi-objective optimization problems. *Operations Research Letters*, 43(1):1–6, 2015.
- [191] K. Belhajjame, N. W. Paton, C. Hedeler, and A. A. A. Fernandes. Enabling community-driven information integration through clustering. *Distributed and Parallel Databases*, 33(1):33–67, 2015.
- [192] K. Belhajjame, J. Zhao, D. Garijo, M. Gamble, K. M. Hettne, R. Palma, E. Mina, Ó. Corcho, J. M. Gómez-Pérez, S. Bechhofer, G. Klyne, and C. A. Goble. Using a suite of ontologies for preserving workflow-centric research objects. *J. Web Sem.*, 32:16–42, 2015.
- [193] M. Bergner, A. Caprara, A. Ceselli, F. Furini, M. E. Lübbecke, E. Malaguti, and E. Traversi. Automatic dantzig-wolfe reformulation of mixed integer programs. *Math. Program.*, 149(1-2):391–424, 2015.
- [194] I. Blečić, A. Cecchini, T. Congiu, G. Fancello, V. Talu, and G. Trunfio. Prospettive di sviluppo nella ricerca sulla camminabilità. *Urbanistica Informazioni*, 263, 2015.
- [195] I. Blečić, A. Cecchini, T. Congiu, G. Fancello, and G. Trunfio. Evaluating walkability: A capability-wise planning and design support system. *International Journal of Geographical Information Science*, 29(8):1350–1374, 2015.
- [196] I. Blečić, A. Cecchini, G. Fancello, T. Congiu, V. Talu, and G. Trunfio. Walkability explorer: un software per il supporto alla decisione e la pianificazione urbanistica. *Urbanistica Informazioni*, 263(special issue 07):5–8, 2015.
- [197] I. Blečić, A. Cecchini, G. Fancello, V. Talu, and G. Trunfio. Camminabilità e capacità urbane: valutazione e supporto alla decisione e alla pianificazione urbanistica. *Territorio Italia*, pages 49–65, 2015.
- [198] I. Bloch and J. Atif. Deux approches pour la comparaison de relations spatiales floues : transport optimal et morphologie mathématique. *Revue d'Intelligence Artificielle*, 29(5):595–619, 2015.
- [199] E. Bonnet, B. Escoffier, E. J. Kim, and V. T. Paschos. On subexponential and fpt-time inapproximability. *Algorithmica*, 71(3):541–565, 2015.
- [200] E. Bonnet, B. Escoffier, V. T. Paschos, and E. Tourniaire. Multi-parameter analysis for local graph partitioning problems: Using greediness for parameterization. *Algorithmica*, 71(3):566–580, 2015.
- [201] N. Boria, F. D. Croce, and V. T. Paschos. On the max min vertex cover problem. *Discrete Applied Mathematics*, 196:62–71, 2015.
- [202] M. Bottero, V. Ferretti, J. R. Figueira, S. Greco, and B. Roy. Dealing with a multiple criteria environmental problem with interaction effects between criteria through an extension of the electre III method. *European Journal of Operational Research*, 245(3):837–850, 2015.
- [203] D. Bouyssou and T. Marchant. Bi-semiorders with frontiers on finite sets. *Journal of Mathematical Psychology*, 66(1):6–15, 2015.
- [204] D. Bouyssou and T. Marchant. On the relations between ELECTRE TRI-B and ELECTRE TRI-C and on a new variant of ELECTRE TRI-B. *European Journal of Operational Research*, 242(1):201–211, 2015.
- [205] D. Bouyssou and M. Pirlot. A consolidated approach to the axiomatization of outranking relations: a survey and new results. *Annals of Operations Research*, 229(1):159–212, 2015.
- [206] D. Bouyssou and M. Pirlot. A note on the asymmetric part of an outranking relation. *International Transactions in Operational Research*, 22(5):883–912, Sept. 2015.
- [207] J. Camacho-Rodríguez, D. Colazzo, and I. Manolescu. PAXQuery: Efficient parallel processing of complex XQuery. *IEEE Trans. Knowl. Data Eng.*, 27(7):1977–1991, 2015.

- [208] T. Cazenave. Sequential halving applied to trees. *IEEE Transactions on Computational Intelligence and AI in Games*, 7(1):102–105, 2015.
- [209] T. Congiu and G. Fancello. Misurare la camminabilità. *Urbanistica Informazioni*, 263(special issue 07):2–5, 2015.
- [210] M. Couceiro, E. Lehtonen, and K. S. K. Hypomorphic Sperner systems and non-reconstructible functions. *Order*, 32(2):255–292, 2015.
- [211] J. P. Delgrande and J. Lang. Guest editors’ introduction. *J. Philosophical Logic*, 44(2):111–115, 2015.
- [212] M. Demange, T. Ekim, B. Ries, and C. Tanasescu. On some applications of the selective graph coloring problem. *European Journal of Operational Research*, 240(2):307–314, 2015.
- [213] S. Deparis, C. Huron, V. Mousseau, and M. Öztürk. The effect of bi-criteria conflict on matching-elicited preferences. *European Journal of Operational Research*, 242(3):951–959, 2015.
- [214] Y. Dujardin, D. Vanderpooten, and F. Boillot. A multi-objective interactive system for adaptive traffic control. *European Journal of Operational Research*, 244(2):601–610, 2015.
- [215] E. Elkind, J. Lang, and A. Saffidine. Condorcet winning sets. *Social Choice and Welfare*, 44(3):493–517, 2015.
- [216] B. Escoffier, J. Monnot, V. T. Paschos, and M. Xiao. New results on polynomial inapproximability and fixed parameter approximability of edge dominating set. *Theory Comput. Syst.*, 56(2):330–346, 2015.
- [217] G. Fancello. Camminabilità e progetti per la città. *Urbanistica Informazioni*, 2015.
- [218] L. Faria, L. Gourvès, C. Martinhon, and J. Monnot. The edge-recoloring cost of monochromatic and properly edge-colored paths and cycles. *Theoretical Computer Science*, 602:89–102, 2015.
- [219] F. Furini, M. Iori, S. Martello, and M. Yagiura. Heuristic and exact algorithms for the interval minmax regret knapsack problem. *INFORMS Journal on Computing*, 27(2):392–405, 2015.
- [220] F. Furini, M. P. Kidd, C. A. Persiani, and P. Toth. Improved rolling horizon approaches to the aircraft sequencing problem. *J. Scheduling*, 18(5):435–447, 2015.
- [221] V. Gabrel, M. Manouvrier, and C. Murat. Web services composition: Complexity and models. *Discrete Applied Mathematics*, 196:100–114, 2015.
- [222] J.-S. Gharbi and Y. Meinard. On the meaning of non-welfarism in Kolm’s ELIE model of income redistribution. *Journal of Economic Methodology*, 22(3):335–353, 2015.
- [223] V. Giard and M. Sali. Optimal stock-out risk when demand is driven by several mixed-model assembly lines in the presence of emergency supply. *International Journal of Production Research*, 53(11):3448–3461, 2015.
- [224] P. A. Golovach, B. Ries, and D. Paulusma. Coloring graphs characterized by a forbidden subgraph. *Discrete Applied Mathematics*, 180:101–110, 2015.
- [225] L. Gourvès. Approximating the optimal sequence of acquisitions and sales with a capped budget. *Information Processing Letters*, 115(10):760–764, 2015.
- [226] L. Gourvès, J. Monnot, S. Moretti, and N. K. Thang. Congestion games with capacitated resources. *Theory of Computing Systems*, 57(3):598–616, 2015.
- [227] L. Gourvès, J. Monnot, and L. Tlilane. Approximate tradeoffs on weighted labeled matroids. *Discrete Applied Mathematics*, 184:154–166, 2015.
- [228] L. Gourvès, J. Monnot, and L. Tlilane. Worst case compromises in matroids with applications to the allocation of indivisible goods. *Theoretical Computer Science*, 589:121–140, 2015.
- [229] M. Karpinski, M. Lampis, and R. Schmied. New inapproximability bounds for TSP. *Journal of Computer and System Sciences*, 81(8):1665–1677, Déc. 2015.
- [230] E. J. Kim, C. Paul, and G. Philip. A single-exponential FPT algorithm for the k_4 -minor cover problem. *J. Comput. Syst. Sci.*, 81(1):186–207, 2015.
- [231] E. J. Kim, G. Philip, and C. Paul. A single-exponential fpt algorithm for the k_4 -minor cover problem. *Journal of Computer and System Sciences*, 81(1):186–207, 2015.
- [232] K. Klamroth, R. Lacour, and D. Vanderpooten. On the representation of the search region in multi-objective optimization. *European Journal of Operational Research*, 245(3):767–778, 2015.
- [233] C. Labreuche, B. Mayag, and B. Duqueroie. Extension of the MACBETH approach to elicit an ordered weighted average operator. *EURO Journal on Decision Processes*, 3(1):65–105, 2015.

- [234] M. Lampis, V. Mitsou, and K. Soltys. Scrabble is PSPACE-complete. *Journal of Information Processing*, 23(3):284–292, 2015.
- [235] R. Laraki and P. Mertikopoulos. Inertial game dynamics and applications to constrained optimization. *SIAM Journal on Control and Optimization*, 53(5):3141–3170, 2015.
- [236] E. Lehtonen, M. Couceiro, and T. Waldhauser. On equational definability of function classes. *Journal of Multiple-Valued Logic and Soft Computing*, 24(1-4):203–222, 2015.
- [237] V. Lespagnol and J. Rouchier. Fair price and trading price: an abm approach with order-placement strategy and misunderstanding of fundamental value. *Advances in Complex Systems*, 18(5-6):14 p., 2015.
- [238] L. Linguet and J. Atif. Estimating surface solar irradiance from goes satellite with particle filter model and joint probability distribution. *Canadian Journal of Remote Sensing*, 41(2):71–85, 2015.
- [239] A. Louati, J. E. Haddad, and S. Pinson. A multi-agent approach for trust-based service discovery and selection in social networks. *Scalable Computing: Practice and Experience*, 16(4):381–401, 2015.
- [240] V. Lozin, J. Monnot, and B. Ries. On the maximum independent set problem in subclasses of subcubic graphs. *Journal of Discrete Algorithms*, 31:104–112, 2015.
- [241] R. Lucchetti, F. Patrone, and S. Moretti. Ranking sets of interacting objects via semivalues. *TOP*, 23(2):567–590, 2015.
- [242] A. R. Mahjoub, G. Rinaldi, and G. J. Woeginger. Preface. *Math. Program.*, 150(1):1–3, 2015.
- [243] T. P. Michalak, T. Rahwan, S. Moretti, R. Narayanam, O. Skibski, P. Szczepaski, and M. Wooldridge. A new approach to measure social capital using game-theoretic techniques. *ACM SIGecom Exchanges*, 14(1):95–100, 2015.
- [244] J. Monnot. A note on the traveling salesman reoptimization problem under vertex insertion. *Inf. Process. Lett.*, 115(3):435–438, 2015.
- [245] S. Moretti. An axiomatic approach to social ranking under coalitional power relations. *Homo Oeconomicus*, 32(2):183–208, 2015.
- [246] F. Moroni, A. Ortega, R. Moroni, E. Lessi, B. Mayag, and R. S. de Jesus. Limitations in decision context for selection of amazonian armoured catfish acari-bodó (pterygoplichthys pardalis) as candidate species for aquaculture. *Fisheries Research*, 7(8):142–150, 2015.
- [247] R. Morris, B. Bonet, M. Cavazza, M. desJardins, A. Felner, N. Hawes, B. Knox, S. Koenig, G. Konidaris, J. Lang, C. Linares López, D. Magazzeni, A. McGovern, S. Natarajan, N. R. Sturtevant, M. Thielscher, W. Yeoh, S. Sardiña, and K. Wagstaff. A summary of the twenty-ninth AAAI conference on artificial intelligence. *AI Magazine*, 36(3):99–106, 2015.
- [248] M. Nunez. Threshold voting leads to type-revelation. *Economics Letters*, 136:211–213, 2015.
- [249] M. Nunez and J.-F. Laslier. Bargaining through approval. *Journal of Mathematical Economics*, 60:63–73, 2015.
- [250] M. Nunez and G. Valletta. The informational basis of scoring rules. *Review of Economic Design*, 19(4):279–297, 2015.
- [251] M. Nunez and D. Xefteris. Electoral thresholds as coordination devices. *The Scandinavian Journal of Economics*, 2015.
- [252] M. Öztürk and A. Tsoukiàs. A valued Ferrers relation for interval comparison. *Fuzzy Sets and Systems*, 266:47–66, 2015.
- [253] V. T. Paschos. When polynomial approximation meets exact computation. *4OR*, 13(3):227–245, 2015.
- [254] G. Pigozzi. Belief merging and judgment aggregation. *Stanford Encyclopedia of Philosophy*, Fall 2015 Edition, 2015.
- [255] G. Pigozzi. The logic of group decisions: Judgment aggregation. *Journal of Philosophical Logic*, 44(6):755–769, 2015.
- [256] R. Rizzi and F. Sikora. Some results on more flexible versions of graph motif. *Theory of Computing Systems*, 56(4):612–629, 2015.
- [257] A. Rolland, J. Ah-Pine, and B. Mayag. Elicitation of 2-additive bi-capacity parameters. *EURO Journal on Decision Processes*, 3(1):5–28, 2015.
- [258] M. Sali and V. Giard. Monitoring the production of a supply chain with a revisited mrp approach.

Production Planning & Control, 26(10):769–785, 2015.

- [259] S. Stigliani, S. Moretti, P. Anserini, I. Casciano, P. L. Venturini, and P. Scaruffi. Storage time does not modify the gene expression profile of cryopreserved human metaphase ii oocytes. *Human reproduction*, 30(11):2519–2526, 2015.
- [260] T. Waldhauser, M. Couceiro, and E. Lehtonen. A survey on the arity gap. *Journal of Multiple-Valued Logic and Soft Computing*, 24(1-4):223–249, 2015.
- [261] G. Woeginger, A. R. Mahjoub, and G. Rinaldi. Preface. *Mathematical Programming*, 150(1):1–3, 2015.
- [262] U. Yildiz, K. Belhajjame, and D. Grigori. Modeling evidence-based medicine applications with provenance data in pathways. *EAI Endorsed Trans. Ubiquitous Environments*, 2(7):e4, 2015.

2016

- [263] F. Abu-Khzam, C. Bazgan, M. Chopin, and H. Fernau. Data reductions and combinatorial bounds for improved approximation algorithms. *Journal of Computer and System Sciences*, 82(3):503–520, 2016.
- [264] H. Aissi and D. Vanderpooten. Robust capacity expansion of a network under demand uncertainty: a bi-objective approach. *Networks*, 68(3):185–199, 2016.
- [265] R. A. Arocha, M. Rukoz, and Y. Cardinale. Modeling dynamic recovery strategy for composite web services execution. *World Wide Web*, 19(1):89–109, 2016.
- [266] J. Atif, I. Bloch, and C. Hudelot. Some relationships between fuzzy sets, mathematical morphology, rough sets, f-transforms, and formal concept analysis. *International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems*, 24(S2):1–32, 2016.
- [267] Y. Aumann, J. Lang, and A. D. Procaccia. Fair division (dagstuhl seminar 16232). *Dagstuhl Reports*, 6(6):10–25, 2016.
- [268] F. Balbo, N. Bhouri, and S. Pinson. Bimodal traffic regulation : A multi-agent approach. *Web Intelligence*, 14(2):139–151, 2016.
- [269] F. Balbo, N. Bhouri, and S. Pinson. Bimodal traffic regulation system: A multi-agent approach. *Web Intelligence*, 14(2):139–151, 2016.
- [270] M. Barhamgi, A. K. Bandara, Y. Yu, K. Belhajjame, and B. Nuseibeh. Protecting privacy in the cloud: Current practices, future directions. *IEEE Computer*, 49(2):68–72, 2016.
- [271] C. Bazgan, R. Brederick, S. Hartung, A. Nichterlein, and G. Woeginger. Finding large degree-anonymous subgraphs is hard. *Theoretical Computer Science*, 622:90–110, 2016.
- [272] C. Bazgan, F. Jamain, and D. Vanderpooten. Discrete representation of the non-dominated set for multi-objective optimization problems using kernels. *European Journal of Operational Research*, 2016.
- [273] A. Benhamiche, A. R. Mahjoub, N. Perrot, and E. Uchoa. Unsplittable non-additive capacitated network design using set functions polyhedra. *Computers & OR*, 66:105–115, 2016.
- [274] S. Bimonte and E. Negre. Evaluation of user satisfaction with OLAP recommender systems: an application to RecoOLAP on a agricultural energetic consumption datawarehouse. *International Journal of Business Information Systems*, 21(1):117–136, 2016.
- [275] I. Bloch and J. Atif. Defining and computing Hausdorff distances between distributions on the real line and on the circle: link between optimal transport and morphological dilations. *Mathematical Morphology: Theory and Applications*, 1(1):79–99, 2016.
- [276] G. Boella, G. Pigozzi, and L. van der Torre. AGM contraction and revision of rules. *Journal of Logic, Language and Information*, 25(3-4):273–297, 2016.
- [277] É. Bonnet, V. T. Paschos, and F. Sikora. Parameterized exact and approximation algorithms for maximum k -set cover and related satisfiability problems. *RAIRO - Theor. Inf. and Applic.*, 50(3):227–240, 2016.
- [278] E. Bonnet and F. Sikora. A note on edge isoperimetric numbers and regular graphs. *International Journal of Foundations of Computer Science*, 27(6):771–774, 2016.
- [279] N. Boria, C. Murat, and V. T. Paschos. The probabilistic minimum dominating set problem. *Discrete Applied Mathematics*, page <http://dx.doi.org/10.1016/j.dam.2016.10.016>, 2016.
- [280] D. Bouyssou and T. Marchant. Ranking authors using fractional counting of citations: An axiomatic approach. *Journal of Informetrics*, 10(1):183–199, 2016.

- [281] M. Brugnach, R. Giordano, and I. Pluchinotta. Ambiguity in problem framing as a barrier to collective actions: some hints from groundwater protection policy in the apulia region. *Group Decision and Negotiation*, pages 1–22, 2016.
- [282] V. Cacchiani, F. Furini, and M. P. Kidd. Approaches to a real-world train timetabling problem in a railway node. *Omega*, 58:97 – 110, 2016.
- [283] A. Caprara, F. Furini, E. Malaguti, and E. Traversi. Solving the temporal knapsack problem via recursive dantzig-wolfe reformulation. *Inf. Process. Lett.*, 116(5):379–386, 2016.
- [284] T. Cazenave. Payout policy adaptation with move features. *Theoretical Computer Science*, 644:43–52, 2016.
- [285] G. Cesari, R. Lucchetti, and S. Moretti. Generalized additive games. *International Journal of Game Theory*, pages 1–21, 2016.
- [286] C. Constantin, C. du Mouza, W. Litwin, P. Rigaux, and T. J. E. Schwarz. As-index: A structure for string search using n-grams and algebraic signatures. *J. Comput. Sci. Technol.*, 31(1):147–166, 2016.
- [287] M. Couceiro and E. Lehtonen. On the arity gap of finite functions: results and applications. *Journal of Multiple-Valued Logic and Soft Computing*, 27(2-3):193–207, 2016.
- [288] M. Dall’Aglio, V. Fragnelli, and S. Moretti. Orders of criticality in voting games. *Operations Research and Decisions*, 26(2):53–67, 2016.
- [289] G. De Marchi, G. Lucertini, and A. Tsoukiàs. From evidence-based policy-making to policy analytics. *Annals of Operations Research*, 236(1):15–38, 2016.
- [290] N. Dellaert, E. Cayiroglu, and J. Jeunet. Assessing and controlling the impact of hospital capacity planning on the waiting time. *International Journal of Production Research*, 54(8):2203–2214, 2016.
- [291] N. Dellaert and J. Jeunet. Dominant strategies to reduce patient waiting time under multiple constrained resources. *Journal européen des systèmes automatisés*, 49(1):7–30, 2016.
- [292] N. Dellaert and J. Jeunet. A variable neighborhood search algorithm for the surgery tactical planning problem. *Computers and Operations Research*, 2016.
- [293] I. Diarrassouba, V. Gabrel, A. R. Mahjoub, L. Gouveia, and P. Pesneau. Integer programming formulations for the k-edge-connected 3-hop-constrained network design problem. *Networks*, 67(2):148–169, 2016.
- [294] I. Diarrassouba, M. Mahjoub, A. R. Mahjoub, and R. Taktak. The k-node connected subgraph problem: Polyhedral analysis and branch-and-cut. *Electronic Notes in Discrete Mathematics*, 52:117–124, 2016.
- [295] B. Escoffier, V. T. Paschos, and E. Tourniaire. Super-polynomial approximation branching algorithms. *RAIRO - Operations Research*, 50(4-5):979–994, 2016.
- [296] A. Frangioni, F. Furini, and C. Gentile. Approximated perspective relaxations: a project and lift approach. *Comp. Opt. and Appl.*, 63(3):705–735, 2016.
- [297] F. Furini, V. Gabrel, and I. Ternier. Lower bounding techniques for dsatur-based branch and bound. *Electronic Notes in Discrete Mathematics*, 52:149–156, 2016.
- [298] F. Furini, E. Malaguti, and D. Thomopulos. Modeling two-dimensional guillotine cutting problems via integer programming. *INFORMS Journal on Computing*, 28(4):736–751, 2016.
- [299] F. Furini, C. A. Persiani, and P. Toth. The time dependent traveling salesman planning problem in controlled airspace. *Transportation Research Part B: Methodological*, 90:38 – 55, 2016.
- [300] L. Gouveia, A. Lodi, and A. R. Mahjoub. Preface. *Discrete Optimization*, 22:1–5, 2016.
- [301] I. Horev, F. Yger, and M. Sugiyama. Geometry-aware principal component analysis for symmetric positive definite matrices. *Machine Learning*, pages 1–30, 2016.
- [302] M. Jeanmougin, C. Dehais, and Y. Meinard. Mismatch between habitat science and habitat directive - lessons from the french (counter)example. *Conservation Letters*, pages 1–11, 2016.
- [303] E. J. Kim, A. Langer, C. Paul, F. Reidl, P. Rossmanith, I. Sau, and S. Sikdar. Linear kernels and single-exponential algorithms via protrusion decompositions. *ACM Trans. Algorithms*, 12(2):21:1–21:41, 2016.
- [304] J. Laine, A. I. Ozkes, and M. R. Sanver. Hyper-stable social welfare functions. *Social Choice and Welfare*, 46(1):157–182, 2016.
- [305] C. Lamine and J. Rouchier. D’une charte l’autre. le processus de révision de la charte des AMAP

comme indicateur d’une institution qui se renforce. *Revue de la Régulation*, 2016(20), 2016.

- [306] Y. Meinard, M. Dereniowska, and J.-S. Gharbi. The ethical stakes in monetary valuation for conservation purposes. *Biological Conservation*, 199:67–74, 2016.
- [307] S. Moretti, F. Patrone, A. Dinar, and S. A.-D. S. Sharing the costs of complex water projects: Application to the west delta water conservation and irrigation rehabilitation project, egypt. *Games*, 7(3):18, 2016.
- [308] M. Nunez and J.-F. Laslier. Pivots et elections. *L’Actualité économique*, 2016. Prépublication: <https://hal.archives-ouvertes.fr/hal-01360068>.
- [309] M. Nunez and M. Scarsini. Competing over a finite number of locations. *Economic Theory Bulletin*, 4(2):125–136, 2016.
- [310] G. Pigozzi, A. Tsoukiàs, and P. Viappiani. Preferences in artificial intelligence. *Annals of Mathematics and Artificial Intelligence*, 77(3):361–401, 2016.
- [311] J. Rouchier. Accuser ou réunir ? dépasser les conflits qui s’exportent de l’économie à l’histoire. *Tracés*, 16:165–176, 2016.
- [312] J. Rouchier and E. Tanimura. Learning with communication barriers due to overconfidence. what a “model-to-model analysis” can add to the understanding of a problem. *Journal of Artificial Societies and Social Simulation*, 19(2), 2016.
- [313] B. Roy. Do not confuse. *International Journal of Multicriteria Decision Making*, 6(2):112 – 117, 2016.
- [314] P. Skowron, P. Faliszewski, and J. Lang. Finding a collective set of items: From proportional multi-representation to group recommendation. *Artif. Intell.*, 241:191–216, 2016.
- [315] douard Bonnet and F. Sikora. The graph motif problem parameterized by the structure of the input graph. *Discrete Applied Mathematics*, 2016. In Press.

2017

- [316] E. Awad, M. Caminada, G. Pigozzi, M. Podlaszewski, and I. Rahwan. Pareto optimality and strategy-proofness in group argument evaluation. *Journal of Logic and Computation*, 2017. forthcoming.
- [317] C. Bazgan, J. Chlebikova, and T. Pontoizeau. Structural and algorithmic properties of 2-community structures. *Algorithmica*, pages 1–19, 2017.
- [318] P. Bich and R. Laraki. On the existence of approximate equilibria and sharing rule solutions in discontinuous games. *Theoretical Economics*, pages 79–108, 2017.
- [319] N. Bidoit, D. Colazzo, N. Malla, and C. Sartiani. Evaluating queries and updates on big XML documents. *Information Systems Frontiers*, 2017. to appear.
- [320] É. Bonnet and V. T. Paschos. Dual parameterization and parameterized approximability of subset graph problems. *RAIRO - Operations Research*, 51(1):261–266, 2017.
- [321] T. Cazenave. Residual networks for computer go. *IEEE Transactions on Computational Intelligence and AI in Games*, 2017.
- [322] D. Cornaz, F. Furini, and E. Malaguti. Solving vertex coloring problems as maximum weight stable set problems. *Discrete Applied Mathematics*, 217, Part 2:151 – 162, 2017.
- [323] M. Cornu, T. Cazenave, and D. Vanderpooten. Perturbed decomposition algorithm applied to the multi-objective traveling salesman problem. *Computers and Operations Research*, 79:314–330, 2017.
- [324] K. Dächert, K. Klamroth, R. Lacour, and D. Vanderpooten. Efficient computation of the search region in multi-objective optimization. *European Journal of Operational Research*, 2017.
- [325] B. Escoffier, L. Gourvès, and J. Monnot. The price of optimum: Complexity and approximation for a matching game. *Algorithmica*, 77(3):836–866, 2017.
- [326] E. Fernández, J. R. Figueira, J. Navarro, and B. Roy. ELECTRE TRI-nB: A new multiple criteria ordinal classification method. *European Journal of Operational Research*, pages –, 2017.
- [327] F. Furini, V. Gabrel, and I. Ternier. An improved DSATUR-based branch-and-bound algorithm for the vertex coloring problem. *Networks*, 69(1):124–141, 2017.
- [328] F. Furini, I. Ljubic, and M. Sinnl. An effective dynamic programming algorithm for the minimum-cost maximal knapsack packing problem. *European Journal of Operational Research*, pages –, 2017. To appear.

- [329] V. Gabrel, M. Manouvrier, K. Moreau, and C. Murat. QoS-aware Automatic Syntactic Service Composition problem: complexity and resolution. *Future Generation Computer Systems*, 2017. To appear.
- [330] R. Giordano, A. Pagano, I. Pluchinotta, and M. Vurro. Drinking water supply in resilient cities: Notes from l'Aquila earthquake case study. *Sustainable Cities and Society*, 28:435–449, 2017.
- [331] L. Gourvès, J. Monnot, F. Pascual, and D. Vanderpooten. Bi-objective matchings with the triangle inequality. *Theor. Comput. Sci.*, 670:1–10, 2017.
- [332] Y. Isaac, Q. Barthélemy, C. Gouy-Pailler, M. Sebag, and J. Atif. Multi-dimensional signal approximation with sparse structured priors using split bregman iterations. *Signal Processing*, 130:389–402, 2017.
- [333] S. Kaddani, D. Vanderpooten, J. Vanpeperstraete, and H. Aissi. Weighted sum model with partial preference information: application to multi-objective optimization. *European Journal of Operational Research*, 2017.
- [334] E. J. Kim, C. Paul, I. Sau, and D. M. Thilikos. Parameterized algorithms for min-max multiway cut and list digraph homomorphism. *J. Comput. Syst. Sci.*, 86:191–206, 2017.
- [335] J. Lang, G. Pigozzi, M. Slavkovik, L. van der Torre, and S. Vesic. A partial taxonomy of judgment aggregation rules and their properties. *Social Choice and Welfare*, 48(2):327–356, 2017.
- [336] J.-F. Laslier, M. Núñez, and C. Pimienta. Reaching consensus through approval bargaining. *Games and Economic Behavior*, 104:241–251, 2017.
- [337] Y. Meinard, C. Dehais, and M. Jeanmougin. Peut-on conserver ce qu'on a perdu les moyens de connaître ? La politique Européenne de conservation des habitats et ses paradoxes. *Botanique*, 2017.
- [338] Y. Meinard, A. Remy, and B. Schmid. Measuring impartial preference for biodiversity. *Ecological Economics*, 132:45–54, 2017.
- [339] M. Nunez and R. Sanver. Revisiting the connection between the no-show paradox and monotonicity. *Mathematical Social Sciences*, 86:59–67, 2017.
- [340] M. Núñez and D. Xefteris. Implementation via approval mechanisms. *Journal of Economic Theory*, 170:169–181, 2017.
- [341] M. Öztürk. Coherence conditions for preference modeling with ordered points. *Journal of Mathematical Psychology*, 79:44 – 52, 2017.
- [342] J. Rouchier and V. Lespagnol. Trading volume and price distortion: an agent-based model with heterogeneous knowledge of fundamentals. *Computational Economics*, 2017.
- [343] M. R. Sanver. Nash implementing social choice rules with restricted ranges. *Review of Economic Design*, 21(1):65–72, 2017.
- [344] M. R. Sanver and A. I. Ozkes. Absolute qualified majoritarianism: how does the threshold matter? *Economics Letters*, 153:20–22, 2017.
- [345] D. Vanderpooten, L. Weerasena, and M. Wiecek. Covers and approximations in multiobjective optimization. *Journal of Global Optimization*, 67(3):601–619, 2017.
- [346] F. Yger, M. Berar, and F. Lotte. Riemannian approaches in brain-computer interfaces: a review. *IEEE Transactions on Neural System and Rehabilitation Engineering*, 2017.

Conference papers (337)

2012

- [1] K. Abbaci, D. Rocacher, D. Grigori, L. Liétard, F. Lemos, and M. Bouzeghoub. A bipolar approach to the handling of user preferences in business processes retrieval. In R. R. Yager, editor, *Advances on Computational Intelligence 14th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems, IPMU 2012, Catania, Italy, July 9-13, 2012. Proceedings, Part I*, page 657, Berlin Heidelberg -, 2012. Springer.
- [2] R. Angarita, Y. Cardinale, and M. Rukoz. Faceta: Backward and forward recovery for execution of transactional composite WS. In E. Simperl, B. Norton, D. Mladenice, E. D. Valle, I. Fundulaki, A. Passant, and R. Troncy, editors, *The Semantic Web: ESWC 2012 Satellite Events - ESWC 2012 Satellite Events, Heraklion, Crete, Greece, May 27-31, 2012. Revised Selected Papers*, volume 7540 of *Lecture Notes in Computer Science*, pages 343–357. Springer, 2012.
- [3] P.-E. Arduin, Q. M. Doan, B. Grigori, M. Grim-Yefsah, M. Grundstein, E. Negre, C. Rosenthal-Sabroux, and V. Thion. Evaluation d’un système d’information et de connaissance - de l’importance de la prise en compte de la connaissance. In *Actes du XXXème Congrès INFORSID, Montpellier, France, 29 - 31 mai 2012*, pages 371–378, Montpellier - FRANCE, 2012. INFORSID.
- [4] H. Aziz, P. Harrenstein, M. Brill, J. Lang, F. A. Fischer, and H. G. Seedig. Possible and necessary winners of partial tournaments. In *International Conference on Autonomous Agents and Multiagent Systems, AAMAS 2012, Valencia, Spain, June 4-8, 2012 (3 Volumes)*, pages 585–592, 2012.
- [5] F. Badeig, J. Saunier, and F. Balbo. Evaluation of environment contextual services in multiagent systems. In A. Fred, editor, *ICAART 2011*, page 460, Berlin Heidelberg -, 2012. Springer.
- [6] D. Baumeister, P. Faliszewski, J. Lang, and J. Rothe. Campaigns for lazy voters: truncated ballots. In *International Conference on Autonomous Agents and Multiagent Systems, AAMAS 2012, Valencia, Spain, June 4-8, 2012 (3 Volumes)*, pages 577–584, 2012.
- [7] D. Baumeister, P. Faliszewski, J. Lang, and J. Rothe. Campaigns for lazy voters: truncated ballots. In *Proceedings of AAMAS 2012*, pages 577–584. IFAAMAS, 2012.
- [8] C. Bazgan and M. Chopin. The robust set problem: Parameterized complexity and approximation. In P. Widmayer, editor, *Mathematical Foundations of Computer Science 2012 37th International Symposium, MFCS 2012, Bratislava, Slovakia, August 27-31, 2012, Proceedings*, pages 136–147, Berlin Heidelberg -, 2012. Springer. LNCS 7464.
- [9] C. Bazgan, L. Gourvès, and J. Monnot. Approximation with a fixed number of solutions of some biobjective maximization problems. In R. Solis-Oba, editor, *WAOA 2011*, pages 233–246, Berlin Heidelberg -, 2012. Springer.
- [10] C. Bazgan, L. Gourvès, J. Monnot, and F. Pascual. Single approximation for biobjective max tsp. In R. Solis-Oba, editor, *WAOA 2011*, pages 49–62, Berlin Heidelberg -, 2012. Springer.
- [11] N. Bessghaier, F. Balbo, and H. M. Zargayouna. Online localized resource allocation application to urban parking management. In *IAT 2012*, page 8, Los Alamitos, CA -, 2012. IEEE Computer Society.
- [12] A. P. Bianzino, C. Chaudet, S. Moretti, J.-L. Rougier, L. Chiaraviglio, and E. L. Rouzic. Enabling sleep mode in backbone ip-networks: A criticality-driven tradeoff. In *2012 IEEE International Conference on Communications (ICC)*, pages 5946–5950. IEEE Press, 2012.
- [13] E. Blanco, Y. Cardinale, M.-E. Vidal, J. E. Haddad, M. Manouvrier, and M. Rukoz. A transactional-QoS driven approach for web service composition. In Z. Lacroix and M. E. Vidal, editors, *Resource Discovery. Third International Workshop, RED 2010, Paris, France, November 5, 2010, Revised Selected Papers*, pages 23–42. Springer Berlin Heidelberg, 2012. LNCS 6799.
- [14] G. Blin, P. Bonizzoni, R. Dondi, R. Rizzi, and F. Sikora. Complexity insights of the minimum duplication problem. In M. Bieliková, G. Friedrich, G. Gottlob, S. Katzenbeisser, and G. Turán, editors, *SOFSEM 2012: Theory and Practice of Computer Science. 38th Conference on Current Trends in Theory and Practice of Computer Science, pindlerv Mln, Czech Republic, January 21-27, 2012. Proceedings*, pages 153–164. Springer Berlin Heidelberg, 2012. LNCS 7147.
- [15] N. Boria, J. Monnot, and V. T. Paschos. Reoptimization of some maximum weight induced heredi-

- tary subgraph problems. In *LATIN 2012: Theoretical Informatics - 10th Latin American Symposium, Arequipa, Peru, April 16-20, 2012. Proceedings*, pages 73–84, 2012.
- [16] N. Boria, J. Monnot, and V. T. Paschos. Reoptimization of the maximum weighted P_k -free subgraph problem under vertex insertion. In *WALCOM: Algorithms and Computation - 6th International Workshop, WALCOM 2012, Dhaka, Bangladesh, February 15-17, 2012. Proceedings*, pages 76–87, 2012.
 - [17] D. Borri, D. Camarda, F. Ianonne, and I. Pluchinotta. The management of indoor spaces in urban microclimate: a multi-agent approach. In M. Campagna, A. D. Montis, F. Isola, S. Lai, C. Pira, and C. Zoppi, editors, *Planning Support Tools: Policy Analysis, Implementation and Evaluation. Proceedings of the Seventh International Conference on Informatics and Urban and Regional Planning INPUT2012*, pages 1655–1675, Milano -, 2012. Franco Angeli.
 - [18] M. Buro, H. Finnsson, and A. Saffidine. Alpha-beta pruning for games with simultaneous moves. In B. Selman, editor, *Proceedings of the Twenty-Sixth AAAI Conference on Artificial Intelligence*, page 7, Palo Alto (USA) -, 2012. AAAI Press.
 - [19] Y. Cardinale, M. Rukoz, and R. Angarita. Modeling snapshot of composite WS execution by colored petri nets. In Z. Lacroix, E. Ruckhaus, and M. Vidal, editors, *Resource Discovery - 5th International Workshop, RED 2012, Co-located with the 9th Extended Semantic Web Conference, ESWC 2012, Heraklion, Greece, May 27, 2012, Revised Selected Papers*, volume 8194 of *Lecture Notes in Computer Science*, pages 23–44. Springer, 2012.
 - [20] T. Cazenave, N. Jouandeau, and A. Saffidine. Solving breakthrough with race patterns and job-level proof number search. In H. J. Van den Herik, editor, *Advances in Computer Games 13th International Conference, ACG 2011, Tilburg, The Netherlands, November 20-22, 2011, Revised Selected Papers*, page 356, Berlin Heidelberg -, 2012. Springer.
 - [21] D. Cornaz, L. Galand, and O. Spanjaard. Bounded single-peaked width and proportional representation. In *ECAI 2012, 20th European Conference on Artificial Intelligence*, pages 270–275, Montpellier - FRANCE, 2012. Ios Press.
 - [22] M. Couceiro, D. Dubois, H. Prade, and T. Waldhauser. Decision making with sugeno integrals: Dmu vs. mcdm. In P. Lucas, editor, *ECAI 2012 - 20th European Conference on Artificial Intelligence, 27-31 August 2012, Montpellier, France*, pages 288–293, Tokyo -, 2012. IOS Press.
 - [23] M. Couceiro and L. Haddad. A survey on intersections of maximal partial clones of boolean partial functions. In *IEEE International Symposium on Multiple-Valued Logic*, pages 287–292, Piscataway, NJ -, 2012. IEEE.
 - [24] M. Couceiro and J.-L. Marichal. Quasi-Lovász extensions and their symmetric counterparts. In R. R. Yager, editor, *Advances in Computational Intelligence. 14th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems, IPMU 2012, Catania, Italy, July 9-13, 2012, Proceedings, Part IV*, page 710, Berlin Heidelberg -, 2012. Springer.
 - [25] B. Couëtoux, J. Monnot, and S. Toubaline. Complexity results for the empire problem in collection of stars. In G. Lin, editor, *Combinatorial Optimization and Applications 6th International Conference, COCOA 2012, Banff, AB, Canada, August 5-9, 2012, Proceedings*, pages 73–82, Berlin Heidelberg -, 2012. Springer.
 - [26] F. D. Croce and V. T. Paschos. Efficient algorithms for the max k -vertex cover problem. In *Theoretical Computer Science - 7th IFIP TC 1/WG 2.2 International Conference, TCS 2012, Amsterdam, The Netherlands, September 26-28, 2012. Proceedings*, pages 295–309, 2012.
 - [27] D. D., C. M., W. T., R. A., and P. H. General interpolation by polynomial functions of distributive lattices. In *IPMU 2012*, pages 347–355, Berlin Heidelberg -, 2012. Springer.
 - [28] A. Darmann, E. Elkind, S. Kurz, J. Lang, J. Schauer, and G. J. Woeginger. Group activity selection problem. In *Internet and Network Economics - 8th International Workshop, WINE 2012, Liverpool, UK, December 10-12, 2012. Proceedings*, pages 156–169, 2012.
 - [29] N. P. Dellaert, S. D. P. Flapper, T. Tan, and J. Jeunet. Integrated capacity and inventory decisions. In D. Klatte, H.-J. Lüthi, and K. Schmedders, editors, *Operations Research Proceedings 2011. Selected Papers of the International Conference on Operations Research (OR 2011), August 30 - September 2, 2011, Zurich, Switzerland*, pages 463–468, Berlin Heidelberg, 2012. Springer.

- [30] G. Dodinet, G. Jomier, and M. Zamfiroiu. The united states of a meta-model build with mydraft an agile model-driven cloud-based platform for data-oriented rich web applications. In *SPLASH 2012 - DSM*, pages 25–26, Tucson - ETATS-UNIS, 2012. ACM.
- [31] D. Dubois, A. Rico, H. Prade, T. Waldhauser, and M. Couceiro. General interpolation by polynomial functions of distributive lattices. In R. R. Yager, editor, *Advances in Computational Intelligence. 14th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems, IPMU 2012, Catania, Italy, July 9-13, 2012, Proceedings, Part III*, page 630, Berlin Heidelberg -, 2012. Springer.
- [32] J. El Haddad. Optimization techniques for QoS-aware workflow realization in web services context. In M. E. Vidal, editor, *Resource Discovery Third International Workshop, RED 2010*, pages 134–149, Berlin Heidelberg -, 2012. Springer.
- [33] B. Escoffier, J. Monnot, L. Gourvès, and S. Moretti. Cost allocation protocols for network formation on connection situations. In *6th International Conference on Performance Evaluation Methodologies and Tools, VALUETOOLS 2012 - proceedings*, pages 228–234, Piscataway, NJ -, 2012. IEEE.
- [34] B. Escoffier, J. Monnot, V. T. Paschos, and M. Xiao. New results on polynomial inapproximability and fixed parameter approximability of edge dominating set. In *Parameterized and Exact Computation - 7th International Symposium, IPEC 2012, Ljubljana, Slovenia, September 12-14, 2012. Proceedings*, pages 25–36, 2012.
- [35] B. Escoffier, V. T. Paschos, and E. Tourniaire. Approximating MAX SAT by moderately exponential and parameterized algorithms. In *Theory and Applications of Models of Computation - 9th Annual Conference, TAMC 2012, Beijing, China, May 16-21, 2012. Proceedings*, pages 202–213, 2012.
- [36] G. Fancello. Capability approach in assessment of urban quality of life. In C. M., D. M. A., I. F., L. S., P. C., and Z. C., editors, *Planning Support Tools: Policy Analysis, Implementation and Evaluation, Proceedings of the Seventh International Conference on Informatics and Urban and Regional Planning INPUT 2012*, pages 1633–1645, Milano -, 2012. Franco Angeli.
- [37] F. Furini, C. A. Persiani, and P. Toth. Aircraft sequencing problems via a rolling horizon algorithm. In A. R. Mahjoub, V. Markakis, I. Milis, and V. T. Paschos, editors, *Combinatorial Optimization Second International Symposium, ISCO 2012, Athens, Greece, April 19-21, 2012, Revised Selected Papers*, pages 273–284. Springer Berlin Heidelberg, 2012.
- [38] V. Gabrel, M. Manouvrier, I. Megdiche, and C. Murat. A new 0-1 linear program for QoS and transactional-aware web service composition. In *ISCC*, pages 845–850. IEEE Computer Society, 2012.
- [39] S. Gaspers, E. J. Kim, S. Ordyniak, S. Saurabh, and S. Szeider. Don’t be strict in local search! In *Proceedings of the Twenty-Sixth AAAI Conference on Artificial Intelligence, July 22-26, 2012, Toronto, Ontario, Canada., 2012*.
- [40] A. Gater, D. Grigori, and M. Bouzeghoub. Indexing process model flow dependencies for similarity search. In X. Zhou, editor, *On the Move to Meaningful Internet Systems: OTM 2012 Confederated International Conferences: CoopIS, DOA-SVI, and ODBASE 2012, Rome, Italy, September 10-14, 2012. Proceedings*, page 467, Berlin Heidelberg -, 2012. Springer.
- [41] L. Gourvès, J. Monnot, N. K. Thang, and S. Moretti. Congestion games with capacitated resources. In M. Serna, editor, *Algorithmic Game Theory 5th International Symposium, SAGT 2012, Barcelona, Spain, October 22-23, 2012. Proceedings*, page 263, Berlin Heidelberg -, 2012. Springer.
- [42] D. Grossi and G. Pigozzi. Introduction to judgment aggregation. In V. Goranko, editor, *Lectures on Logic and Computation ESSLLI 2010, Copenhagen, Denmark, August 2010, ESSLLI 2011, Ljubljana, Slovenia, August 2011, Selected Lecture Notes*, page 265, Berlin Heidelberg -, 2012. Springer.
- [43] S. Sajodia, W. Litwin, and T. J. E. Schwarz. Recoverable encryption through noised secret over a large cloud. In *Data Management in Cloud, Grid and P2P Systems - 5th International Conference, Globe 2012, Vienna, Austria, September 5-6, 2012. Proceedings*, pages 13–24, 2012.
- [44] S. Sajodia, W. Litwin, and T. J. E. Schwarz. Securing password recovery through dispersion. In *Fourth International Conference on Computational Aspects of Social Networks, CASoN 2012, Sao Carlos, Brazil, November 21-23, 2012*, pages 228–233, 2012.
- [45] E. J. Kim and S. Ordyniak. Valued-based argumentation for tree-like value graphs. In *Computational*

- Models of Argument - Proceedings of COMMA 2012, Vienna, Austria, September 10-12, 2012*, pages 378–389, 2012.
- [46] E. J. Kim, C. Paul, and G. Philip. A single-exponential FPT algorithm for the K 4-minor cover problem. In *Algorithm Theory - SWAT 2012 - 13th Scandinavian Symposium and Workshops, Helsinki, Finland, July 4-6, 2012. Proceedings*, pages 119–130, 2012.
 - [47] M. Lacroix, A. R. Mahjoub, and S. Martin. Polyhedral analysis and branch-and-cut for the structural analysis problem. In *Combinatorial Optimization - Second International Symposium, ISCO 2012, Athens, Greece, April 19-21, 2012, Revised Selected Papers*, pages 117–128, 2012.
 - [48] J. Lang, J. Mengin, and L. Xia. Aggregating conditionally lexicographic preferences on multi-issue domains. In *Principles and Practice of Constraint Programming - 18th International Conference, CP 2012, Québec City, QC, Canada, October 8-12, 2012. Proceedings*, pages 973–987, 2012.
 - [49] J. Lang and B. Zanuttini. Knowledge-based programs as plans - the complexity of plan verification. In *ECAI 2012 - 20th European Conference on Artificial Intelligence. Including Prestigious Applications of Artificial Intelligence (PAIS-2012) System Demonstrations Track, Montpellier, France, August 27-31, 2012*, pages 504–509, 2012.
 - [50] E. Lehtonen, M. Couceiro, and T. Waldhauser. GAP vs. PAG. In *ISMVL '12 Proceedings of the 2012 IEEE 42nd International Symposium on Multiple-Valued Logic*, pages 268–273, Piscataway, NJ -, 2012. IEEE.
 - [51] F. Lemos, A. Gater, D. Grigori, and M. Bouzeghoub. A framework for service discovery based on structural similarity and quality satisfaction. In R. Tolksdorf, editor, *Web Engineering 12th International Conference, ICWE 2012, Berlin, Germany, July 23-27, 2012, Proceedings*, page 505, Berlin Heidelberg -, 2012. Springer.
 - [52] F. Lemos, D. Grigori, and M. Bouzeghoub. Adding non-functional preferences to service discovery. In R. Tolksdorf, editor, *Web Engineering 12th International Conference, ICWE 2012, Berlin, Germany, July 23-27, 2012, Proceedings*, page 505, Berlin Heidelberg -, 2012. Springer.
 - [53] A. R. Mahjoub, M. Lacroix, and S. Martin. Polyhedral analysis and branch-and-cut for the structural analysis problem. In V. Paschos, editor, *ISCO 2012*, page 476, Berlin Heidelberg -, 2012. Springer.
 - [54] M. Manouvrier, E. Blanco, Y. Cardinale, M. Rukoz, J. E. Haddad, and M.-E. Vidal. A transactional-QoS driven approach for web service composition. In M.-E. Vidal, editor, *Third International Workshop on Resource Discovery, RED 2010*, pages 23–42, Berlin Heidelberg -, 2012. Springer.
 - [55] B. Mayag, A. Rolland, and J. Ah-Pine. Elicitation of a 2-additive bi-capacity through cardinal information on trinary actions. In S. Greco, B. Bouchon-Meunier, G. Coletti, M. Fedrizzi, B. Matarazzo, and R. R. Yager, editors, *Advances in Computational Intelligence 14th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems, IPMU 2012, Catania, Italy, July 9-13, 2012, Proceedings, Part IV*, pages 238–247, Berlin Heidelberg -, 2012. Springer.
 - [56] S. Moretti and A. Tsoukiàs. Ranking sets of possibly interacting objects using shapley extensions. In B. et al., editor, *Proceedings of the Thirteenth International Conference on Principles of Knowledge Representation and Reasoning - KR 2012*, pages 199–209, Palo Alto (USA) -, 2012. AAAI Press.
 - [57] P. Pop, B. Ries, M. Demange, and J. Monnot. Selective graph coloring in some special classes of graphs. In V. T. Paschos, editor, *ISCO 2012*, pages 320–331, Berlin Heidelberg -, 2012. Springer.
 - [58] G. Las Casas, L. Tilio, and A. Tsoukiàs. Public decision processes: The interaction space supporting planner's activity. In D. Taniar, editor, *Computational Science and Its Applications - ICCSA 2012 Computational Science and Its Applications - ICCSA 2012 12th International Conference, Salvador de Bahia, Brazil, June 18-21, 2012, Proceedings, Part II*, pages 466–480, Berlin Heidelberg -, 2012. Springer.
 - [59] B. Ries, P. A. Golovach, and D. Paulusma. Coloring graphs characterized by a forbidden subgraph. In P. Widmayer, editor, *Mathematical Foundations of Computer Science 2012 37th International Symposium, MFCS 2012, Bratislava, Slovakia, August 27-31, 2012, Proceedings*, page 825, Berlin Heidelberg -, 2012. Springer.
 - [60] R. Rizzi and F. Sikora. Some results on more flexible versions of graph motif. In E. A. Hirsch, J. Karhumäki, A. Lepistö, and M. Prilutskii, editors, *Computer Science Theory and Applications. 7th*

- International Computer Science Symposium in Russia, CSR 2012, Nizhny Novgorod, Russia, July 3-7, 2012. Proceedings*, pages 278–289. Springer Berlin Heidelberg, 2012. LNCS 7353.
- [61] A. Saffidine. Minimal proof search for modal logic k model checking. In J. Mengin, editor, *Logics in Artificial Intelligence 13th European Conference, JELIA 2012, Toulouse, France, September 26-28, 2012, Proceedings*, page 498, Berlin Heidelberg -, 2012. Springer.
 - [62] A. Saffidine and T. Cazenave. Multiple-outcome proof number search. In *ECAI 2012 - 20th European Conference on Artificial Intelligence. Including Prestigious Applications of Artificial Intelligence (PAIS-2012) System Demonstrations Track, Montpellier, France, August 27-31, 2012*, pages 708–713, 2012.
 - [63] F. Teytaud and T. Cazenave. Application of the nested rollout policy adaptation algorithm to the traveling salesman problem with time windows. In M. Schoenauer, editor, *Learning and Intelligent Optimization 6th International Conference, LION 6, Paris, France, January 16-20, 2012, Revised Selected Papers*, page 514, Berlin Heidelberg -, 2012. Springer.
 - [64] L. Tililane, J. Monnot, and L. Gourvès. Approximate tradeoffs on matroids. In P. Lucas, editor, *European Conference on Artificial Intelligence ECAI 2012*, page 413, Montpellier - FRANCE, 2012. IOS Press Books.
 - [65] E. Uchoa, A. R. Mahjoub, and L. Simonetti. Hop-level flow formulation for the hop constrained survivable network design problem. In S. Voss, editor, *Network Optimization*, pages 176–181, Berlin Heidelberg -, 2012. Springer.
 - [66] H. van Ditmarsch, J. Lang, and A. Saffidine. Strategic voting and the logic of knowledge. In *International Conference on Autonomous Agents and Multiagent Systems, AAMAS 2012, Valencia, Spain, June 4-8, 2012 (3 Volumes)*, pages 1247–1248, 2012.
 - [67] T. Waldhauser, J.-L. Marichal, and M. C. M. Hierarchies of local monotonicities and lattice derivatives for boolean and pseudo-boolean functions. In *ISMVL '12 Proceedings of the 2012 IEEE 42nd International Symposium on Multiple-Valued Logic*, pages 262–267, Piscataway, NJ -, 2012. IEEE.
 - [68] R. Williams and E. J. Kim. Improved parameterized algorithms for above average constraint satisfaction. In P. Rossmanith, editor, *Parameterized and Exact Computation 6th International Symposium, IPEC 2011, Saarbrücken, Germany, September 6-8, 2011. Revised Selected Papers*, page 273, Berlin Heidelberg -, 2012. Springer.
 - [69] X. Yang, F. Sikora, G. Blin, S. Hamel, R. Rizzi, and S. Aluru. An algorithmic view on multi-related-segments: A unifying model for approximate common interval. In M. Agrawal, S. B. Cooper, and A. Li, editors, *Theory and Applications of Models of Computation. 9th Annual Conference, TAMC 2012, Beijing, China, May 16-21, 2012. Proceedings*, pages 319–329. Springer Berlin Heidelberg, 2012. LNCS 7287.
 - [70] H. Youssef, A. Meddeb, A. R. Mahjoub, A. Lourimi, and B. Thabti. From constant traffic matrices to hose workload model for VPN tree design. In *XVth International Symposium on Telecommunications Network Strategy and Planning (NETWORKS), 2012 - proceedings*, pages 1–6, Piscataway, NJ -, 2012. IEEE.
 - [71] H. M. Zargayouna, F. Balbo, and N. Bessghaier. An agent-based community to manage urban parking. In J. P. Müller, editor, *PAAMS 2012*, pages 17–22, Berlin Heidelberg -, 2012. Springer.
 - [72] H. M. Zargayouna, N. Bessghaier, and F. Balbo. Management of urban parking: An agent-based approach. In A. Ramsay, editor, *Artificial Intelligence: Methodology, Systems, and Applications 15th International Conference, AIMS 2012*, pages 267–285, Berlin Heidelberg -, 2012. Springer.
 - [73] Z. Zhang, D. Bhagwat, W. Litwin, D. D. E. Long, and T. J. E. Schwarz. Improved deduplication through parallel binning. In *31st IEEE International Performance Computing and Communications Conference, IPCCC 2012, Austin, TX, USA, December 1-3, 2012*, pages 130–141, 2012.

2013

- [74] J. Ah-Pine, B. Mayag, and A. Rolland. Identification of a 2-additive bi-capacity by using mathematical programming. In P. Perny, M. Pirlot, and A. Tsoukiàs, editors, *Algorithmic Decision Theory - Third International Conference, ADT 2013*, pages 15–29. Lecture Notes in Computer Science, 2013.
- [75] P. Alper, K. Belhajjame, C. Goble, and P. Karagoz. Small is beautiful: Summarizing scientific workflows

- using semantic annotations. In *2013 IEEE International Congress on Big Data (BigData Congress)*, pages 318–325, Piscataway, NJ -, Juin 2013. IEEE.
- [76] P. Alper, K. Belhajjame, C. A. Goble, and P. Karagoz. Enhancing and abstracting scientific workflow provenance for data publishing. In *EDBT '13 Proceedings of the Joint EDBT/ICDT 2013 Workshops*, pages 313–318, New York -, 2013. ACM Press.
 - [77] P. Alper, C. A. Goble, and K. Belhajjame. On assisting scientific data curation in collection-based dataflows using labels. In *WORKS '13 Proceedings of the 8th Workshop on Workflows in Support of Large-Scale Science*, pages 7–16, New York -, 2013. ACM Press.
 - [78] P.-E. Arduin, M. Grundstein, E. Negre, and C. Rosenthal-Sabroux. Formaliser pour améliorer la communication entre utilisateurs et concepteurs. In *31st INFORSID 2013 Proceedings of the meeting held 29-31 May 2013, Paris, France*, pages 245–260. Curran Associates Inc, 2013.
 - [79] P.-E. Arduin, M. Grundstein, E. Negre, and C. Rosenthal-Sabroux. Formalizing an empirical model: a way to enhance the communication between users and designers. In *Research Challenges in Information Science (RCIS), 2013 IEEE Seventh International Conference*, pages 289–298. IEEE Press, 2013.
 - [80] P.-E. Arduin, E. Negre, and C. Rosenthal-Sabroux. Towards a new tacit knowledge-based approach for decision process. In *Proceedings of the first international conference on Knowledge Management, Information and Knowledge Systems (KMIKS 2013)*, New York -, 2013. Sfax University Press. KMIKS 2013, Hammamet, Tunisia, April 18-20, 2013.
 - [81] R. A. Arocha, Y. Cardinale, and M. Rukoz. Dynamic recovery decision during composite web services execution. In L. Ladid, A. Montes, P. A. Bruck, F. Ferri, and R. Chbeir, editors, *MEDES '13 Proceedings of the Fifth International Conference on Management of Emergent Digital EcoSystems*, pages 187–194, New York -, 2013. ACM Press.
 - [82] N. Barrot, L. Gourvès, J. Lang, J. Monnot, and B. Ries. Possible winners in approval voting. In *Algorithmic Decision Theory - Third International Conference, ADT 2013, Bruxelles, Belgium, November 12-14, 2013, Proceedings*, pages 57–70, 2013.
 - [83] C. Bazgan, M. Chopin, A. Nichterlein, and F. Sikora. Parameterized approximability of maximizing the spread of influence in networks. In D.-Z. Du and G. Zhang, editors, *Computing and Combinatorics. 19th International Conference, COCOON 2013, Hangzhou, China, June 21-23, 2013. Proceedings*, pages 543–554, Berlin Heidelberg -, 2013. Springer.
 - [84] K. Belhajjame, J. Zhao, D. Garijo, A. Garrido, S. Soiland-Reyes, P. Alper, and O. Corcho. A workflow PROV-corpus based on taverna and wings. In *EDBT '13 Proceedings of the Joint EDBT/ICDT 2013 Workshops*, pages 331–332, New York -, 2013. ACM Press.
 - [85] Y. Belhoul, M. Haddad, A. Gater, D. Grigori, H. Kheddouci, and M. Bouzeghoub. Spectral graph approach for process model matchmaking. In *2013 IEEE International Conference on Services Computing, Santa Clara, CA, USA, June 28 - July 3, 2013*, pages 408–415, 2013.
 - [86] E. Bonnet, B. Escoffier, E. J. Kim, and V. T. Paschos. On subexponential and fpt-time inapproximability. In *Parameterized and Exact Computation - 8th International Symposium, IPEC 2013, Sophia Antipolis, France, September 4-6, 2013, Revised Selected Papers*, pages 54–65, 2013.
 - [87] E. Bonnet, B. Escoffier, V. T. Paschos, and E. Tourniaire. Multi-parameter complexity analysis for constrained size graph problems: Using greediness for parameterization. In *Parameterized and Exact Computation - 8th International Symposium, IPEC 2013, Sophia Antipolis, France, September 4-6, 2013, Revised Selected Papers*, pages 66–77, 2013.
 - [88] E. Bonnet, F. Jamain, and A. Saffidine. On the complexity of trick-taking card games. In *IJCAI '13 Proceedings of the Twenty-Third international joint conference on Artificial Intelligence*, pages 482–488, Palo Alto (USA) -, 2013. AAAI Press. IJCAI-13 Beijing, China, 30 August 2013.
 - [89] N. Boria, F. D. Croce, and V. T. Paschos. On the max min vertex cover problem. In *Approximation and Online Algorithms - 11th International Workshop, WAOA 2013, Sophia Antipolis, France, September 5-6, 2013, Revised Selected Papers*, pages 37–48, 2013.
 - [90] N. Boria, C. Murat, and V. T. Paschos. The probabilistic min dominating set problem. In *Computer Science - Theory and Applications - 8th International Computer Science Symposium in Russia, CSR 2013, Ekaterinburg, Russia, June 25-29, 2013. Proceedings*, pages 298–309, 2013.

- [91] D. Borri, D. Camarda, and I. Pluchinotta. Planning urban microclimate through multiagent modelling: A cognitive mapping approach. In Y. Luo, editor, *Cooperative Design, Visualization, and Engineering. 10th International Conference, CDVE 2013, Alcudia, Mallorca, Spain, September 22-25, 2013. Proceedings*, pages 169–176. Springer Berlin Heidelberg, 2013.
- [92] N. Bourgeois, A. Giannakos, G. Lucarelli, I. Milis, and V. T. Paschos. Exact and approximation algorithms for densest k -subgraph. In *WALCOM: Algorithms and Computation, 7th International Workshop, WALCOM 2013, Kharagpur, India, February 14-16, 2013. Proceedings*, pages 114–125, 2013.
- [93] Y. Cardinale, J. E. Haddad, M. Manouvrier, and M. Rukoz. Web service composition based on petri nets: Review and contribution. In Z. Lacroix, E. Ruckhaus, and M.-E. Vidal, editors, *Resource Discovery. 5th International Workshop, RED 2012, Co-located with the 9th Extended Semantic Web Conference, ESWC 2012, Heraklion, Greece, May 27, 2012, Revised Selected Papers*, pages 83–122, Berlin Heidelberg -, 2013. Springer. LNCS 8194.
- [94] A. Colorni and A. Tsoukiàs. What is a decision problem? preliminary statements. In P. Perny, M. Pirlot, and A. Tsoukiàs, editors, *Algorithmic Decision Theory Third International Conference, ADT 2013, Bruxelles, Belgium, November 12-14, 2013, Proceedings*, pages 139 – 153, Berlin Heidelberg -, 2013. Springer. LNCS 8176.
- [95] D. Cornaz, L. Galand, and O. Spanjaard. Kemeny elections with bounded single-peaked or single-crossing width. In *Proceedings of the 23rd International Joint Conference on Artificial Intelligence (IJCAI 2013)*, pages 76–82, Palo Alto (USA) -, 2013. AAAI Press / IJCAI. Twenty-Third International Joint Conference on Artificial Intelligence Beijing China August 3, 2013 August 9, 2013.
- [96] S. Edelkamp, M. Gath, T. Cazenave, and F. Teytaud. Algorithm and knowledge engineering for the TSPTW problem. In *2013 IEEE Symposium on Computational Intelligence in Scheduling, CISched 2013, Singapore, Singapore, April 16-19, 2013*, pages 44–51, 2013.
- [97] B. Escoffier, D. Ferraioli, L. Gourvès, and S. Moretti. Designing budget-balanced best-response mechanisms for network coordination games. In B. Vöcking, editor, *Algorithmic Game Theory - 6th International Symposium, SAGT 2013, Aachen, Germany, October 21-23, 2013. Proceedings*, pages 207–218, Berlin Heidelberg -, 2013. Springer. in Springer series Lecture Notes in Computer Science, vol. 8146.
- [98] B. Escoffier, J. Monnot, F. Pascual, and O. Spanjaard. Truthful many-to-many assignment with private weights. In M. Serna and P. G. Spirakis, editors, *Algorithms and Complexity 8th International Conference, CIAC 2013, Barcelona, Spain, May 22-24, 2013. Proceedings*, pages 209–220, Berlin Heidelberg -, 2013. Springer. LNCS 7878.
- [99] G. Fancello. L’approccio alle capacità e le politiche di sviluppo urbano. In *Atti della XVI Conferenza Nazionale Società Italiana degli Urbanisti, Urbanistica per una diversa crescita. Aporie dello sviluppo, uscita dalla crisi e progetto del territorio contemporaneo Napoli 9-10 maggio 2013*. Planum. The Journal of Urbanism, 2013.
- [100] F. Furini and E. Traversi. Hybrid sdp bounding procedure. In V. Bonifaci, C. Demetrescu, and A. Marchetti-Spaccamela, editors, *Experimental Algorithms 12th International Symposium, SEA 2013, Rome, Italy, June 5-7, 2013. Proceedings*, pages 248–259, 2013.
- [101] L. Galand, A. Ismaili, P. Perny, and O. Spanjaard. Bidirectional preference-based search for multiobjective state space graph problems. In M. Helmert and G. Röger, editors, *Proceedings of the 6th Annual Symposium on Combinatorial Search (SoCS 2013)*, pages 80–88, Palo Alto (USA), 2013. Leavenworth, Washington USA, July 11-13, 2013.
- [102] L. Galand, J. Lesca, and P. Perny. Dominance rules for the choquet integral in multiobjective dynamic programming. In *IJCAI 2013, Proceedings of the 23rd International Joint Conference on Artificial Intelligence, Beijing, China, August 3-9, 2013*, pages 538–544, 2013.
- [103] A. Gater, F. Lemos, D. Grigori, and M. Bouzeghoub. S-discovery: A behavioral and quality-based service discovery on the cloud. In *CLOSER 2013 - Proceedings of the 3rd International Conference on Cloud Computing and Services Science, Aachen, Germany, 8-10 May, 2013*, pages 104–109, 2013.
- [104] L. Gourvès, J. Monnot, and A. Pagourtzis. The lazy bureaucrat problem with common arrivals and deadlines: Approximation and mechanism design. In L. A. Gasieniec and F. Wolter, editors, *Fundamentals of Computation Theory - 19th International Symposium, FCT 2013, Liverpool, UK, August 19-21,*

2013. *Proceedings*, pages 171–182, Berlin Heidelberg -, 2013. Springer. in Springer series Lecture Notes in Computer Science, vol. 8070.
- [105] L. Gourvès, L. Tlilane, and J. Monnot. A matroid approach to the worst case allocation of indivisible goods. In F. Rossi, editor, *IJCAI '13 Proceedings of the Twenty-Third international joint conference on Artificial Intelligence*, pages 136–142, Palo Alto (USA) -, 2013. AAAI Press.
 - [106] N. V. Hoàng, V. Gouet-Brunet, and M. Rukoz. Object detection and localization using a knowledge graph on spatial relationships. In *Proceedings of the 2013 IEEE International Conference on Multimedia and Expo, ICME 2013, San Jose, CA, USA, July 15-19, 2013*, pages 1–6. IEEE Computer Society, 2013.
 - [107] S. Holl, D. Garijo, K. Belhajjame, O. Zimmermann, R. D. Giovanni, M. Obst, and C. Goble. On specifying and sharing scientific workflow optimization results using research objects. In *WORKS '13 Proceedings of the 8th Workshop on Workflows in Support of Large-Scale Science*, pages 28–37, New York -, 2013. ACM Press.
 - [108] S. Jajodia, W. Litwin, and T. J. E. Schwarz. Key recovery using noised secret sharing with discounts over large clouds. In *International Conference on Social Computing, SocialCom 2013, SocialCom/PASSAT/BigData/EconCom/BioMedCom 2013, Washington, DC, USA, 8-14 September, 2013*, pages 700–707, 2013.
 - [109] E. J. Kim, A. Langer, C. Paul, F. Reidl, P. Rossmanith, I. Sau, and S. Sikdar. Linear kernels and single-exponential algorithms via protrusion decompositions. In *Automata, Languages, and Programming - 40th International Colloquium, ICALP 2013, Riga, Latvia, July 8-12, 2013, Proceedings, Part I*, pages 613–624, 2013.
 - [110] E. J. Kim, S. Ordyniak, and S. Szeider. The complexity of repairing, adjusting, and aggregating of extensions in abstract argumentation. In *Theory and Applications of Formal Argumentation - Second International Workshop, TAFE 2013, Beijing, China, August 3-5, 2013, Revised Selected papers*, pages 158–175, 2013.
 - [111] J. Lang, N. Maudet, and M. Polukarov. New results on equilibria in strategic candidacy. In *Algorithmic Game Theory - 6th International Symposium, SAGT 2013, Aachen, Germany, October 21-23, 2013. Proceedings*, pages 13–25, 2013.
 - [112] J. Lang and M. Slavkovik. Judgment aggregation rules and voting rules. In *Algorithmic Decision Theory - Third International Conference, ADT 2013, Bruxelles, Belgium, November 12-14, 2013, Proceedings*, pages 230–243, 2013.
 - [113] J. Lang and B. Zanuttini. Knowledge-based programs as plans: Succinctness and the complexity of plan existence. In *Proceedings of the 14th Conference on Theoretical Aspects of Rationality and Knowledge (TARK 2013), Chennai, India, January 7-9, 2013*, 2013.
 - [114] E. Machuca, L. Mandow, and L. Galand. An evaluation of best compromise search in graphs. In C. Bielza, A. Salmerón, A. Alonso-Betanzos, J. I. Hidalgo, L. Martinez, A. Troncoso, E. Corchado, and J. M. Corchado, editors, *Advances in Artificial Intelligence 15th Conference of the Spanish Association for Artificial Intelligence, CAEPIA 2013, Madrid, Spain, September 17-20, 2013. Proceedings*, pages 1–11, Berlin Heidelberg -, 2013. Springer. LNCS 8109.
 - [115] P. Missier, K. Belhajjame, and J. Cheney. The w3c prov family of specifications for modelling provenance metadata. In *EDBT '13 Proceedings of the 16th International Conference on Extending Database Technology*, pages 773–776, New York -, Mars 2013. ACM Press. EDBT/ICDT 2013 Joint Conference March 18-22, 2013 - Genoa, Italy.
 - [116] E. Negre. Towards a knowledge (experience)-based recommender system for crisis management. In *2013 Eighth International Conference on P2P, Parallel, Grid, Cloud and Internet Computing (3PGCIC)*, pages 713–718, Piscataway, NJ -, Oct. 2013. IEEE.
 - [117] E. Negre, F. Ravat, O. Teste, and R. Tournier. Cold-start recommender system problem within a multidimensional data warehouse. In *2013 IEEE Seventh International Conference on Research Challenges in Information Science (RCIS)*, pages 1–8, Piscataway, NJ -, 2013. IEEE. 7th International Conference on Research Challenges in Information Science (RCIS) May 2015 Paris.
 - [118] E. Negre, F. Ravat, O. Teste, and R. Tournier. Problème de démarrage à froid pour les systèmes de recommandation dans les entrepôts de données. In *31st INFORSID 2013. Proceedings of the meeting*

- held 29-31 May 2013, Paris, France., pages 439–454. Curran Associates Inc, 2013.
- [119] J. Pâris, D. D. E. Long, and W. Litwin. Three-dimensional redundancy codes for archival storage. In *2013 IEEE 21st International Symposium on Modelling, Analysis and Simulation of Computer and Telecommunication Systems, San Francisco, CA, USA, August 14-16, 2013*, pages 328–332, 2013.
 - [120] V. Paschos. Moderately exponential approximation: Bridging the gap between exact computation and polynomial approximation. In E. Stiakakis, editor, *Optimization Theory, Decision Making, and Operations Research Applications*, page 359, Berlin Heidelberg -, 2013. Springer.
 - [121] B. Ries, C. Picouleau, V. Lozin, and M. Demange. Go vii meeting, ovronnaz (ch), june 1317, 2010. In *Seventh International Conference on Graphs and Optimization 2010*, page 453, Ovronnaz - SUISSE, 2013. Discrete Applied Mathematics.
 - [122] L. Tlilane, L. Gourvès, and J. Monnot. A protocol for cutting matroids like cakes. In N. Immorlica, editor, *Web and Internet Economics 9th International Conference, WINE 2013, Cambridge, MA, USA, December 11-14, 2013, Proceedings*, page 440, Berlin Heidelberg -, 2013. Springer.
 - [123] A. Tsoukiàs and P. Viappiani. Preference handling (tutorial on). In Q. Yang, I. King, and Q. Li, editors, *RecSys '13 Proceedings of the 7th ACM conference on Recommender systems*, pages 497–498, New York -, 2013. ACM Press.
 - [124] H. van Ditmarsch, J. Lang, and A. Saffidine. Strategic voting and the logic of knowledge. In *Proceedings of the 14th Conference on Theoretical Aspects of Rationality and Knowledge (TARK 2013), Chennai, India, January 7-9, 2013*, 2013.

2014

- [125] H. AbouEisha, S. Hussain, V. Lozin, J. Monnot, and b. Ries. A dichotomy for upper domination in monogenic classes. In Z. Zhang, L. Wu, W. Xu, and D.-Z. Du, editors, *Combinatorial Optimization and Applications. 8th International Conference, COCOA 2014, Wailea, Maui, HI, USA, December 19-21, 2014, Proceedings*, pages 258–267. Springer International Publishing, 2014. in Lecture Notes in Computer Science, vol. 8881.
- [126] F. Abu-Khzam, C. Bazgan, M. Chopin, and H. Fernau. Approximation algorithms inspired by kernelization methods. In H.-K. Ahn and C.-S. Shin, editors, *Algorithms and Computation - 25th International Symposium, ISAAC 2014*, pages 479–490. Springer, 2014. in Lecture Notes in Computer Science, vol. 8889.
- [127] H. Aissi, A. R. Mahjoub, S. T. McCormick, and M. Queyranne. A strongly polynomial time algorithm for multicriteria global minimum cuts. In J. Lee and J. Vygen, editors, *Integer Programming and Combinatorial Optimization 17th International Conference, IPCO 2014, Bonn, Germany, June 23-25, 2014. Proceedings*, pages 25–36, Berlin Heidelberg -, 2014. Springer.
- [128] P. Alper, K. Belhajjame, C. A. Goble, and P. Karagoz. Labelflow: Exploiting workflow provenance to surface scientific data provenance. In B. Ludäscher and B. Plale, editors, *Provenance and Annotation of Data and Processes - 5th International Provenance and Annotation Workshop, IPAW 2014, Cologne, Germany, June 9-13, 2014. Revised Selected Papers*, volume 8628 of *Lecture Notes in Computer Science*, pages 84–96. Springer, 2014.
- [129] L. Aoudia, V. H. Nguyen, A. R. Mahjoub, and M. Aider. On the star forest polytope. In *2014 International Conference on Control, Decision and Information Technologies (CoDIT)*, pages 263–268, Piscataway, NJ -, Nov. 2014. IEEE.
- [130] D. Baumeister, S. Bouveret, J. Lang, N. Nguyen, T. T. Nguyen, and J. Rothe. Scoring rules for the allocation of indivisible goods. In *ECAI 2014 - 21st European Conference on Artificial Intelligence, 18-22 August 2014, Prague, Czech Republic - Including Prestigious Applications of Intelligent Systems (PAIS 2014)*, pages 75–80, 2014.
- [131] C. Bazgan, M. Chopin, A. Nichterlein, and F. Sikora. Parameterized inapproximability of target set selection and generalizations. In A. Beckmann, E. Csuhaj-Varjú, and K. Meer, editors, *Language, Life, Limits. 10th Conference on Computability in Europe, CiE 2014, Budapest, Hungary, June 23-27, 2014. Proceedings*, pages 11–20, Berlin Heidelberg -, 2014. Springer.
- [132] C. Bazgan and A. Nichterlein. Parameterized inapproximability of degree anonymization. In M. Cygan and P. Heggernes, editors, *Parameterized and Exact Computation - 9th International Symposium, IPEC*

- 2014, pages 75–84, Berlin Heidelberg -, 2014. Springer. in Springer series Lecture Notes in Computer Science, vol. 8894.
- [133] K. Belhajjame. Annotating the behavior of scientific modules using data examples: A practical approach. In S. Amer-Yahia, V. Christophides, A. Kementsietsidis, M. N. Garofalakis, S. Idreos, and V. Leroy, editors, *Proceedings of the 17th International Conference on Extending Database Technology, EDBT 2014, Athens, Greece, March 24-28, 2014.*, pages 726–737. OpenProceedings.org, 2014.
 - [134] I. Blečić, A. Cecchini, T. Congiu, G. Fancello, and G. Trunfio. Walkability explorer: an evaluation and design support tool for walkability. In B. Murgante, S. Misra, A. M. A. C. Rocha, C. Torre, J. G. Rocha, M. I. Falcao, D. Taniar, B. O. Apduhan, and O. Gervasi, editors, *Computational Science and Its Applications ICCSA 2014 14th International Conference, Guimares, Portugal, June 30 - July 3, 2014, Proceedings, Part IV*, pages 511–521, Berlin Heidelberg -, 2014. Springer. LNCS 8582.
 - [135] E. Bonnet, F. Jamain, and A. Saffidine. Havannah and twixt are pspace-complete. In H. Van den Herik, editor, *Computers and Games 8th International Conference, CG 2013, Yokohama, Japan, August 13-15, 2013, Revised Selected Papers*, page 257, Berlin Heidelberg -, 2014. Springer.
 - [136] E. Bonzon, N. Maudet, and S. Moretti. Coalitional games for abstract argumentation. In S. P. et al., editor, *Computational Models of Argument Proceedings of COMMA 2014*, pages 161–172. Ios Press, 2014.
 - [137] D. Borri, D. Camarda, and I. Pluchinotta. Planning for the microclimate of urban spaces : Notes from a multi-agent approach. In Y. Luo, editor, *Cooperative Design, Visualization, and Engineering 11th International Conference, CDVE 2014 Seattle, WA, USA, September 14-17, 2014. Proceedings*, pages 179–182, Berlin Heidelberg -, 2014. Springer. LNCS 8683.
 - [138] C. Boutilier, J. Lang, J. Oren, and H. Palacios. Robust winners and winner determination policies under candidate uncertainty. In *Proceedings of the Twenty-Eighth AAAI Conference on Artificial Intelligence, July 27 -31, 2014, Québec City, Québec, Canada.*, pages 1391–1397, 2014.
 - [139] S. Bouveret and J. Lang. Manipulating picking sequences. In *ECAI 2014 - 21st European Conference on Artificial Intelligence, 18-22 August 2014, Prague, Czech Republic - Including Prestigious Applications of Intelligent Systems (PAIS 2014)*, pages 141–146, 2014.
 - [140] C. Buron, T. Cazenave, N. Jouandeau, and A. Saffidine. Material symmetry to partition endgame tables. In H. Van den Herik, editor, *Computers and Games 8th International Conference, CG 2013, Yokohama, Japan, August 13-15, 2013, Revised Selected Papers*, page 257, Berlin Heidelberg -, 2014. Springer.
 - [141] J. Camacho-Rodríguez, D. Colazzo, and I. Manolescu. PAXQuery: A massively parallel XQuery processor. In *Proceedings of the Third Workshop on Data analytics in the Cloud, DanaC, Snowbird, Utah, USA, In conjunction with ACM SIGMOD/PODS Conference*, pages 6:1–6:4, 2014.
 - [142] J. Camacho-Rodríguez, D. Colazzo, and I. Manolescu. PAXQuery: A massively parallel xquery processor. In *DanaC’14 Proceedings of Workshop on Data analytics in the Cloud*, pages 1–4, New York, 2014. ACM Press.
 - [143] T. Cazenave and A. Saffidine. Developments on product propagation. In H. Van den Herik, editor, *Computers and Games 8th International Conference, CG 2013, Yokohama, Japan, August 13-15, 2013, Revised Selected Papers*, page 257, Berlin Heidelberg -, 2014. Springer.
 - [144] D. Colazzo, F. Goasdoué, I. Manolescu, and A. Roatis. RDF analytics: lenses over semantic graphs. In *23rd International World Wide Web Conference, WWW, Seoul, Republic of Korea*, pages 467–478, 2014.
 - [145] D. Colazzo, A. Roatis, I. Manolescu, and F. Goasdoué. RDF analytics: Lenses over semantic graphs. In T. Suel, editor, *WWW’14 Proceedings of the 23rd international conference on World wide web*, pages 467–478, Séoul REPUBLIQUE POPULAIRE DEMOCRATIQUE DE COREE, 2014. ACM.
 - [146] D. Colazzo and C. Sartiani. Typing query languages for data graphs. In *Workshops Proceedings of the 30th International Conference on Data Engineering Workshops, ICDE, Chicago, IL, USA*, pages 28–31, 2014.
 - [147] T. Comes, B. Mayag, and E. Negre. Decision support for disaster risk management: Integrating vulnerabilities into early-warning systems. In C. Hanachi, F. Bénaben, and F. Charoy, editors, *Information*

- Systems for Crisis Response and Management in Mediterranean Countries First International Conference, ISCRAM-med 2014, Toulouse, France, October 15-17, 2014. Proceedings*, pages 178–191, Berlin Heidelberg -, 2014. Springer.
- [148] D. Cornaz, F. Furini, M. Lacroix, E. Malaguti, A. R. Mahjoub, and S. Martin. Mathematical formulations for the balanced vertex k-separator problem. In *International Conference on Control, Decision and Information Technologies, CoDIT 2014, Metz, France, November 3-5, 2014*, pages 176–181, 2014.
 - [149] D. Cornaz, Y. Magnouche, and A. R. Mahjoub. On minimal two-edge-connected graphs. In *2014 International Conference on Control, Decision and Information Technologies (CoDIT)*, pages 251–256, Piscataway, NJ -, Nov. 2014. IEEE.
 - [150] S. C. Dey, K. Belhajjame, D. Koop, T. Song, P. Missier, and B. Ludäscher. UP & DOWN: improving provenance precision by combining workflow- and trace-level information. In A. Chapman, B. Ludäscher, and A. Schreiber, editors, *6th Workshop on the Theory and Practice of Provenance, TaPP’14, Cologne, Germany, June 12-13, 2014*. USENIX Association, 2014.
 - [151] D. Ferraioli, L. Gourvès, and J. Monnot. On regular and approximately fair allocations of indivisible goods. In *AAMAS ’14 Proceedings of the 2014 international conference on Autonomous agents and multi-agent systems*, pages 997–1004, Richland -, 2014. International Foundation for Autonomous Agents and Multiagent Systems.
 - [152] F. Furini, M. P. Kidd, C. A. Persiani, and P. Toth. State space reduced dynamic programming for the aircraft sequencing problem with constrained position shifting. In *Combinatorial Optimization - Third International Symposium, ISCO 2014, Lisbon, Portugal, March 5-7, 2014, Revised Selected Papers*, pages 267–279, 2014.
 - [153] V. Gabrel, M. Manouvrier, and C. Murat. Optimal and automatic transactional web service composition with dependency graph and 0-1 linear programming. In *ICSOC*, volume 8831 of *Lecture Notes in Computer Science*, pages 108–122. Springer, 2014.
 - [154] V. Giard and M. Sali. Optimal stock-out risk for a component mounted on several assembly lines in case of emergency supplies. In V. Lototsky, editor, *Proceedings of the 7th IFAC Conference on Manufacturing Modelling, Management, and Control, 2013*, pages 58–63, Saint-Petersbourg - FÉDÉRATION DE RUSSIE, 2014. International Federation of Automatic Control.
 - [155] J. Goldsmith, J. Lang, N. Mattei, and P. Perny. Voting with rank dependent scoring rules. In *Proceedings of the Twenty-Eighth AAAI Conference on Artificial Intelligence, July 27 -31, 2014, Québec City, Québec, Canada.*, pages 698–704, 2014.
 - [156] L. Gourvès, J. Monnot, and A. Pagourtzis. The lazy matroid problem. In J. Diaz, I. Lanese, and D. Sangiorgi, editors, *Theoretical Computer Science - 8th IFIP TC 1/WG 2.2 International Conference, TCS 2014, Rome, Italy, September 1-3, 2014. Proceedings*, pages 66–77, Berlin Heidelberg -, 2014. Springer. in Springer series Lecture Notes in Computer Science, vol. 8705.
 - [157] L. Gourvès, L. Tililane, and J. Monnot. Near fairness in matroids. In T. Schaub, editor, *ECAI 2014 : 21st European Conference on Artificial Intelligence, 18-22 August 2014, Prague, Czech Republic : including Prestigious Applications of Artificial Intelligence (PAIS 2014), Systems : proceedings*, pages 393–398, Tokyo -, 2014. IOS Press.
 - [158] N. Jouandeau and T. Cazenave. Monte-carlo tree reductions for stochastic games. In *Technologies and Applications of Artificial Intelligence, 19th International Conference, TAAI 2014, Taipei, Taiwan, November 21-23, 2014. Proceedings*, pages 228–238, 2014.
 - [159] N. Jouandeau and T. Cazenave. Small and large MCTS payouts applied to chinese dark chess stochastic game. In *Computer Games - Third Workshop on Computer Games, CGW 2014, Held in Conjunction with the 21st European Conference on Artificial Intelligence, ECAI 2014, Prague, Czech Republic, August 18, 2014, Revised Selected Papers*, pages 78–89, 2014.
 - [160] E. J. Kim, S. Ordyniak, and S. Szeider. The complexity of repairing, adjusting, and aggregating of extensions in abstract argumentation. In E. Black, S. Modgil, and N. Oren, editors, *Theory and Applications of Formal Argumentation; Second International Workshop, TAFA 2013, Beijing, China, August 3-5, 2013, Revised Selected papers*, pages 158–175. Springer Berlin Heidelberg, 2014.
 - [161] M. Lampis. Parameterized approximation schemes using graph widths. In J. Esparza, P. Fraigniaud,

- T. Husfeldt, and E. Koutsoupias, editors, *Automata, Languages, and Programming 41st International Colloquium, ICALP 2014, Copenhagen, Denmark, July 8-11, 2014, Proceedings, Part I*, pages 775–786. Springer Berlin Heidelberg, 2014.
- [162] M. Lampis, K. Makino, V. Mitsou, and Y. Uno. Parameterized edge hamiltonicity. In D. Kratsch and I. Todinca, editors, *Graph-Theoretic Concepts in Computer Science 40th International Workshop, WG 2014, Nouan-le-Fuzelier, France, June 25-27, 2014. Revised Selected Papers*, pages 348–359. Springer International Publishing, 2014.
- [163] M. Lampis and V. Mitsou. The computational complexity of the game of set and its theoretical applications. In A. Pardo and A. Viola, editors, *LATIN 2014: Theoretical Informatics 11th Latin American Symposium, Montevideo, Uruguay, March 31-April 4, 2014. Proceedings*, pages 24–34. Springer Berlin Heidelberg, 2014.
- [164] J. Lang and M. Slavkovik. How hard is it to compute majority-preserving judgment aggregation rules? In *ECAI 2014 - 21st European Conference on Artificial Intelligence, 18-22 August 2014, Prague, Czech Republic - Including Prestigious Applications of Intelligent Systems (PAIS 2014)*, pages 501–506, 2014.
- [165] J. Lang, M. Slavkovik, and S. Vesic. A weakening of independence in judgment aggregation: agenda separability. In *ECAI 2014 - 21st European Conference on Artificial Intelligence, 18-22 August 2014, Prague, Czech Republic - Including Prestigious Applications of Intelligent Systems (PAIS 2014)*, pages 1055–1056, 2014.
- [166] J. Lesca, T. Todo, and M. Yokoo. Coexistence of utilitarian efficiency and false-name-proofness in social choice. In A. Lomuscio, P. Scerri, A. Bazzan, and M. Huhns, editors, *Proceedings in the 13th International Conference on Autonomous Agents and Multi-Agent Systems (AAMAS2014)*, pages 1201–1208. IFAAMAS, 2014.
- [167] Y. Loiseau, F. Labernia, O. Coupelon, O. Raynaud, and D. Dia. Using closed itemsets for implicit user authentication in web browsing. In S. Pavol Jozef, editor, *CLA 2014, Proceedings of the Eleventh International Conference on Concept Lattices and Their Applications*, page 292, Kosice - SLOVAQUIE, 2014. Pavol Jozef Safarik University in Kosice.
- [168] A. Louati, J. E. Haddad, and S. Pinson. A distributed decision making and propagation approach for trust-based service discovery in social networks. In P. Zaraté, G. E. Kersten, and J. E. Hernández, editors, *Joint INFORMS-GDN and EWG-DSS International Conference on Group Decision and Negotiation (GDN 2014), Toulouse, France, June 2014,*, pages 262–269, Berlin Heidelberg -, 2014. Springer.
- [169] A. Louati, J. E. Haddad, and S. Pinson. A multilevel agent-based approach for trustworthy service selection in social networks. In *2014 IEEE/WIC/ACM International Joint Conferences on Web Intelligence (WI) and Intelligent Agent Technologies (IAT)*, pages 214–221, Piscataway, NJ -, Aout 2014. IEEE.
- [170] A. Louati, J. E. Haddad, and S. Pinson. Towards agent-based and trust-oriented service discovery approach in social networks. In R. Cohen, R. Falcone, and T. J. Norman, editors, *17th International Workshop on Trust in Agent Societies co-located with the 13th International Conference on Autonomous Agents and Multiagent Systems (TRUST@AAMAS 2014), Paris, France*, pages 78–89. CEUR Workshop Proceedings 1740, 2014.
- [171] A. Louati, J. E. Haddad, and S. Pinson. Une approche multi-agent basée sur la confiance pour une découverte distribuée de services dans les réseaux sociaux. In J.-P. Jamont, editor, *Journées franco-phones sur les systèmes multi-agents.*, pages 193–202, Lorient-sur-Drome - FRANCE, 2014. Cépaduès Editions.
- [172] B. Mayag. A characterization of the 2-additive symmetric Choquet integral using trinary alternatives. In A. Laurent, O. Strauss, B. Bouchon-Meunier, and R. R. Yager, editors, *Information Processing and Management of Uncertainty in Knowledge-Based Systems - 15th International Conference, IPMU 2014, Montpellier, France, July 15-19, 2014, Proceedings*, pages 266–275. Springer International Publishing, 2014.
- [173] A. Menif, E. Jacopin, and T. Cazenave. SHPE: HTN planning for video games. In T. Cazenave, M. H. M. Winands, and Y. Bjornsson, editors, *Computer Games. Third Workshop on Computer Games, CGW 2014, Held in Conjunction with the 21st European Conference on Artificial Intelligence, ECAI*

2014, Prague, Czech Republic, August 18, 2014, Revised Selected Papers, pages 119–132. Springer International Publishing, 2014.

- [174] M. L. Mouhoub. Searching linked data and services with a single query. In V. Presutti, C. d’Amato, F. Gandon, M. d’Aquin, S. Staab, and A. Tordai, editors, *The Semantic Web: Trends and Challenges 11th International Conference, ESWC 2014, Anissaras, Crete, Greece, May 25-29, 2014. Proceedings*, pages 855–863, Berlin Heidelberg -, 2014. Springer.
- [175] M. L. Mouhoub, D. Grigori, and M. Manouvrier. A framework for searching semantic data and services with sparql. In X. Franch, A. K. Ghose, G. A. Lewis, and S. Bhiri, editors, *Service-Oriented Computing. 12th International Conference, ICSOC 2014, Paris, France, November 3-6, 2014. Proceedings*, pages 123–138. Springer Berlin Heidelberg, 2014. LNCS 8831.
- [176] E. Negre. Recoolap : Un système de recommandation de requêtes OLAP. In S. Bimonte, L. d’Orazio, and E. Negre, editors, *Actes des 10e journées francophones sur les Entrepôts de Données et l’Analyse en Ligne, EDA 2014, Vichy, France, 5-6 Juin, 2014*, pages 171–174, Paris, 2014. Hermann.
- [177] T. Pepels, T. Cazenave, M. H. M. Winands, and M. Lanctot. Minimizing simple and cumulative regret in monte-carlo tree search. In *Computer Games - Third Workshop on Computer Games, CGW 2014, Held in Conjunction with the 21st European Conference on Artificial Intelligence, ECAI 2014, Prague, Czech Republic, August 18, 2014, Revised Selected Papers*, pages 1–15, 2014.
- [178] I. Pluchinotta. Multi-agent modelling to support decision in water management: A case-based approach. In C. D. Guerrieri, S. Nuzzo, P. Camarda, G. Monno, G. Andria, E. D. Sciascio, and A. Castorani, editors, *1st WORKSHOP on the State of the art and Challenges Of Research Efforts @POLIBA (3-5 Decembre 2014 - Politecnico di Bari, Italy)*, pages 63–67, Roma -, 2014. Gangemi.
- [179] Y. Sato and T. Cazenave. Automated generation of new concepts from general game playing. In M. H. Winands, editor, *Workshop on Computer Games, CGW 2013*, pages 71–80, Berlin Heidelberg -, 2014. Springer.
- [180] B. Thabti, H. Youssef, A. R. Mahjoub, and A. Meddeb. Simulated evolution based algorithm versus exact method for virtual private network design. In *10th International Conference on Natural Computation, ICNC 2014, Xiamen, China, August 19-21, 2014*, pages 245–249, 2014.
- [181] N. Wang, M. H. Abel, J. P. Barthès, and E. Negre. Towards a recommender system from semantic traces for decision aid. In K. Liu and J. Filipe, editors, *Proceedings of the International Conference on Knowledge Management and Information Sharing October 21-24, 2014, in Rome, Italy*, pages 274–279, New York -, 2014. SciTe Press.

2015

- [182] F. N. Abu-Khzam, C. Bazgan, J. E. Haddad, and F. Sikora. On the complexity of QoS-aware service selection problem. In A. Barros, D. Grigori, N. C. Narendra, and H. K. Dam, editors, *Service-Oriented Computing. 13th International Conference, ICSOC 2015, Goa, India, November 16-19, 2015, Proceedings*, pages 345–352. Springer Berlin Heidelberg, 2015.
- [183] F. N. Abu-Khzam, E. Bonnet, and F. Sikora. On the complexity of various parameterizations of common induced subgraph isomorphism. In D. F. Kratochvil Jan, Mirka Miller, editor, *Combinatorial Algorithms. 25th International Workshop, IWOCA 2014, Duluth, MN, USA, October 15-17, 2014, Revised Selected Papers*, pages 1–12. Springer International Publishing, 2015.
- [184] G. Amanatidis, N. Barrot, J. Lang, E. Markakis, and B. Ries. Multiple referenda and multiwinner elections using hamming distances: Complexity and manipulability. In *Proceedings of the 2015 International Conference on Autonomous Agents and Multiagent Systems, AAMAS 2015, Istanbul, Turkey, May 4-8, 2015*, pages 715–723, 2015.
- [185] S. Arib, S. Aknine, and T. Cazenave. Nested monte-carlo search of multi-agent coalitions mechanism with constraints. In *Multi-disciplinary Trends in Artificial Intelligence - 9th International Workshop, MIWAI 2015, Fuzhou, China, November 13-15, 2015, Proceedings*, pages 80–88, 2015.
- [186] R. A. Arocha, M. Manouvrier, and M. Rukoz. Dynamic composite web service execution by providing fault-tolerance and QoS monitoring. In F. Toumani, B. Pernici, D. Grigori, D. Benslimane, J. Mendling, N. B. Hadj-Alouane, B. Blake, O. Perrin, I. S. Moustafa, and S. Bhiri, editors, *Service-Oriented Computing - ICSOC 2014 Workshops. WESOA; SeMaPS, RMSOC, KASA, ISC, FOR-MOVES, CCSA and*

- Satellite Events, Paris, France, November 3-6, 2014, Revised Selected Papers*, pages 371–377. Springer International Publishing, 2015. LNCS 8954.
- [187] R. A. Arocha, M. Manouvrier, and M. Rukoz. A framework for transactional service selection based on crowdsourcing. In M. M. Muhammad Younas, Irfan Awan, editor, *Mobile Web and Intelligent Information Systems. 12th International Conference, MobiWis 2015, Rome, Italy, August 24-26, 2015, Proceedings*, pages 137–148. Springer International Publishing, 2015. LNCS 9228.
 - [188] L. Atif, P.-E. Arduin, M. Grundstein, E. Negre, and C. Rosenthal-Sabroux. The role of the enterprises information and knowledge system within the digital enterprise. In I. Saad, C. Rosenthal-Sabroux, and F. Gargouri, editors, *Information and knowledge systems: perspectives and challenges, proceedings of the 2nd International Conference on Knowledge Management, Information and Knowledge Systems (KMIKS 2015)*, TUNISIE, Avr. 2015. Sfax University Press. KMIKS 2015, Hammamet, Tunisia, April 16-18, 2015.
 - [189] C. Bazgan, J. Chlebkova, and T. Pontoizeau. New insight into 2-community structures in graphs with applications in social networks. In Z. Lu, D. Kim, W. Wu, W. Li, and D.-Z. Du, editors, *Combinatorial Optimization and Applications - 9th International Conference, COCOA 2015*, pages 236–250, Berlin Heidelberg -, 2015. Springer. in Springer series Lecture Notes in Computer Science, Vol 9486.
 - [190] C. Bazgan, A. Nichterlein, and R. Niedermeier. A refined complexity analysis of finding the most vital edges for undirected shortest paths. In V. T. Paschos and P. Widmayer, editors, *Algorithms and Complexity - 9th International Conference, CIAC 2015*, pages 47–60, Berlin Heidelberg -, 2015. Springer. in Springer series Lecture Notes in Computer Science, Vol. 9079.
 - [191] N. Bidoit, D. Colazzo, C. Sartiani, A. Solimando, and F. Ulliana. Andromeda: A system for processing queries and updates on big XML documents. In *New Trends in Databases and Information Systems - ADBIS Short Papers and Workshops, BigDap, DCSA, GID, MEBIS, OAIS, SW4CH, WISARD, Poitiers, France. Proceedings*, pages 218–228, 2015.
 - [192] I. Blečić, D. Canu, and G. Fancello. Accessibilità al territorio e qualità della vita urbana. analisi degli spostamenti della popolazione turistica nella città di alghero. In *XVIII Conferenza Nazionale SIU. Italia '45-'45. Radici, Condizioni, Prospettive, Venezia, 11-13 giugno 2015*. Planum. The Journal of Urbanism, 2015.
 - [193] I. Blečić, A. Cecchini, T. Congiu, F. Fancello, G. Fancello, and G. Trunfio. Walkability explorer: Application to a case-study. In O. Gervasi, B. Murgante, S. Misra, M. L. Gavrilova, A. M. A. C. Rocha, C. Torre, D. Taniar, and B. O. Apduhan, editors, *Computational Science and Its Applications – ICCSA 2015 15th International Conference, Banff, AB, Canada, June 22-25, 2015, Proceedings, Part III*, pages 758–770. Springer, 2015. Lecture Notes in Computer Science, Vol. 9157.
 - [194] I. Blečić, A. Cecchini, T. Congiu, G. Fancello, V. Talu, and G. A. Trunfio. Walkability as a means to enhance urban capabilities of the most disadvantaged inhabitants. In S. Martin, editor, *Proceedings of the 2015 HDCA Conference - Capabilities on the Move: Mobility and Aspirations*, Brewster, Massachusetts -, 2015. Human Development and Capability Association.
 - [195] I. Blečić, A. Cecchini, F. Fancello, G. Fancello, and G. A. Trunfio. An evaluation and a design support system for urban walkability. In J. F. Jr. and R. Goodspeed, editors, *The 14th International Conference on Computers in Urban Planning and Urban Management (CUPUM 2015) July 7-10, 2015, Massachusetts Institute of Technology (MIT) in Cambridge, Massachusetts (USA)*, pages 138–1–138–17, Cambridge, MA USA. -, 2015. MIT.
 - [196] I. Bloch and J. Atif. Hausdorff distances between distributions using optimal transport and mathematical morphology. In J. A. Benediktsson, J. Chanussot, L. Najman, and H. Talbot, editors, *12th International Symposium on Mathematical Morphology*, pages 522–534. Springer International Publishing, 2015. Lecture Notes in Computer Science, Vol. 9082.
 - [197] E. Bonnet, F. Foucaud, E. J. Kim, and F. Sikora. Complexity of grundy coloring and its variants. In D. D. Dachuan Xu, Donglei Du, editor, *Computing and Combinatorics. 21st International Conference, COCOON 2015, Beijing, China, August 4-6, 2015, Proceedings*, pages 109–120. Springer International Publishing, 2015.
 - [198] E. Bonnet and F. Sikora. The graph motif problem parameterized by the structure of the input

- graph. In T. Husfeldt and I. Kanj, editors, *10th International Symposium on Parameterized and Exact Computation (IPEC 2015)*, pages 319–330. Schloss Dagstuhl–Leibniz-Zentrum fuer Informatik, 2015. ALGO 2015 14 -18 September, Patras, Greece.
- [199] D. Borri, D. Camarda, I. Pluchinotta, and D. Esposito. Supporting environmental planning: Knowledge management through fuzzy cognitive mapping. In L. Yuhua, editor, *Cooperative Design, Visualization, and Engineering, 12th International Conference, CDVE 2015, Mallorca, Spain, September 20-23, 2015. Proceedings*, pages 228–235, Berlin Heidelberg -, 2015. Springer. Lecture Notes in Computer Science, Vol. 9320.
 - [200] I. Brigui-Chtioui, P. Caillou, and S. Pinson. Approche anytime pour l’ajustement de l’incrément dans les enchères multicritères automatisées (présentation courte). In *Environnements socio-techniques - JFSMA 15 - Vingt-troisièmes Journées Francophones sur les Systèmes Multi-Agents, Rennes, France, June 30th-July 1st, 2015*, pages 153–162, 2015.
 - [201] J. Camacho-Rodríguez, D. Colazzo, I. Manolescu, and J. A. M. Naranjo. PAXQuery: Parallel analytical XML processing. In *Proceedings of the 2015 ACM SIGMOD International Conference on Management of Data, Melbourne, Victoria, Australia*, pages 1117–1122, 2015.
 - [202] M. Cauwet, O. Teytaud, T. Cazenave, A. Saffidine, H. Liang, S. Yen, H. Lin, and I. Wu. Depth, balancing, and limits of the elo model. In *2015 IEEE Conference on Computational Intelligence and Games, CIG 2015, Tainan, Taiwan, August 31 - September 2, 2015*, pages 376–382, 2015.
 - [203] T. Cazenave. Generalized rapid action value estimation. In M. W. Qiang Yang, editor, *IJCAI’15 Proceedings of the 24th International Conference on Artificial Intelligence*, pages 754–760, Palo Alto (USA) -, 2015. AAAI Press.
 - [204] T. Cazenave. Multi-agent retrograde analysis. In *Computer Games - Fourth Workshop on Computer Games, CGW 2015, and the Fourth Workshop on General Intelligence in Game-Playing Agents, GIGA 2015, Held in Conjunction with the 24th International Conference on Artificial Intelligence, IJCAI 2015, Buenos Aires, Argentina, July 26-27, 2015, Revised Selected Papers*, pages 60–70, 2015.
 - [205] T. Cazenave. Payout policy adaptation for games. In *Advances in Computer Games - 14th International Conference, ACG 2015, Leiden, The Netherlands, July 1-3, 2015, Revised Selected Papers*, pages 20–28, 2015.
 - [206] T. Cazenave and S. B. Hamida. Forecasting financial volatility using nested monte carlo expression discovery. In *IEEE Symposium Series on Computational Intelligence, SSCI 2015, Cape Town, South Africa, December 7-10, 2015*, pages 726–733, 2015.
 - [207] T. Cazenave, J. Liu, and O. Teytaud. The rectangular seeds of domineering. In *2015 IEEE Conference on Computational Intelligence and Games, CIG 2015, Tainan, Taiwan, August 31 - September 2, 2015*, pages 530–531, 2015.
 - [208] C. Chatras, V. Giard, and M. Sali. High variety impacts on master production schedule: a case study from the automotive industry. In *15th IFAC Symposium on Information Control Problems in Manufacturing INCOM 2015*, page 10731078, Amsterdam -, 2015. Elsevier.
 - [209] N. Cohen, D. Gonçalves, E. Kim, C. Paul, I. Sau, D. M. Thilikos, and M. Weller. A polynomial-time algorithm for outerplanar diameter improvement. In *Computer Science - Theory and Applications - 10th International Computer Science Symposium in Russia, CSR 2015, Listvyanka, Russia, July 13-17, 2015, Proceedings*, pages 123–142, 2015.
 - [210] D. Colazzo and C. Sartiani. Typing regular path query languages for data graphs. In *Proceedings of the 15th Symposium on Database Programming Languages, Pittsburgh, PA, USA*, pages 69–78, 2015.
 - [211] T. Comes, B. Mayag, and E. Negre. Beyond early: Decision support for improved typhoon warning systems. In L. Palen, M. Buscher, T. Comes, and A. Hughes, editors, *Proceedings of the 12th International Conference on Information Systems for Crisis Response and Management*, 2015. ISCRAM 2015 24-27 May in Kristiansand, Norway.
 - [212] T. Congiu, I. Blečić, A. Cecchini, G. Fancello, V. Talu, and G. Trunfio. Operationalising urban capabilities: the case of walkability. In S. Martin, editor, *Proceedings of the 2015 HDCA Conference - Capabilities on the Move: Mobility and Aspirations*, Brewster, Massachusetts -, 2015.
 - [213] D. Cornaz, F. Furini, and E. Malaguti. Solving vertex coloring problems as maximum weighted stable

- set problems. In *13th Cologne Twente Workshop on Graphs and Combinatorial Optimization, Istanbul, Turkey, May 26-28, 2015.*, pages 36–39, 2015.
- [214] H. Dell, E. J. Kim, M. Lampis, V. Mitsou, and T. Mömke. Complexity and approximability of parameterized MAX-CSPs. In T. Husfeldt and I. Kanj, editors, *10th International Symposium on Parameterized and Exact Computation (IPEC 2015)*, pages 294–306, Patras -, 2015. Schloss Dagstuhl–Leibniz-Zentrum fuer Informatik.
 - [215] I. Diarassouba, M. Mahjoub, and A. R. Mahjoub. The k-node connected subgraph problem: Formulation, polyhedra and branch-and-cut. In *Proceedings of CIE 45*, pages 841–848, 2015.
 - [216] Ö. Y. Diner, D. Paulusma, C. Picouleau, and B. Ries. Contraction blockers for graphs with forbidden induced paths. In P. W. Vangelis Th. Paschos, editor, *Algorithms and Complexity; 9th International Conference, CIAC 2015, Paris, France, May 20-22, 2015. Proceedings*, pages 194–207, Berlin Heidelberg -, 2015. Springer. CIAC 2015, Paris, France, May 20-22, 2015.
 - [217] T. Evain, X. Ripoche, J. Atif, and I. Bloch. Fuzzy along spatial relation in 3d. application to anatomical structures in maxillofacial cbct. In E. P. Vittorio Murino, editor, *18th International Conference on Image Analysis and Processing (ICIAP)*, pages 271–281. Springer, 2015. Lecture Notes in Computer Science, Vol. 9279.
 - [218] G. Fancello. Walkability, right to the city and urban design. In M. S. S. Valeria Saiu, editor, *Ricerca in Vetrina 2015. Il dottorato in Sardegna: alta formazione, ricerca scientifica e capitale sociale (9 et 10 octobre 2015 Casa Gioiosa, Parco Naturale Regionale di Porto Conte, Alghero)*, Palermo -, 2015. Associazione Dottorandi e Dottori di Ricerca Italiani.
 - [219] F. Furini, I. Ljubic, and M. Sinnl. ILP and CP formulations for the lazy bureaucrat problem. In *Integration of AI and OR Techniques in Constraint Programming - 12th International Conference, CPAIOR 2015, Barcelona, Spain, May 18-22, 2015, Proceedings*, pages 255–270, 2015.
 - [220] J. Gajarsky, M. Lampis, K. Makino, V. Mitsou, and S. Ordyniak. Parameterized algorithms for parity games. In D. T. S. Giuseppe F. Italiano, Giovanni Pighizzini, editor, *Mathematical Foundations of Computer Science 2015 40th International Symposium, MFCS 2015, Milan, Italy, August 24-28, 2015, Proceedings, Part II*, pages 336–347, Berlin Heidelberg -, 2015. Springer.
 - [221] L. Galand and T. Lust. Exact methods for computing all Lorenz optimal solutions to biobjective problems. In T. Walsh, editor, *Algorithmic Decision Theory 4th International Conference, ADT 2015, Lexington, KY, USA, September 27-30, 2015, Proceedings*, pages 305–321, Berlin Heidelberg -, 2015. Springer. LNCS 9346.
 - [222] L. Galand and T. Lust. Multiagent fair optimization with Lorenz dominance. In *Proceedings of the 2015 International Conference on Autonomous Agents and Multiagent Systems (AAMAS 15)*, pages 1895–1896, Richland -, 2015.
 - [223] N. Gámez, J. E. Haddad, and L. Fuentes. Managing the variability in the transactional services selection. In K. Schmid, O. Haugen, and J. Miller, editors, *Ninth International Workshop on Variability Modelling of Software- intensive Systems , VaMoS 15*, pages 88–95, New York -, 2015. ACM Press.
 - [224] N. Gámez, J. E. Haddad, and L. Fuentes. SPL-TQSSS: A software product line approach for stateful service selection. In J. A. Miller and H. Zhu, editors, *IEEE International Conference on Web Services, ICWS 2015*, pages 73–80, New York, USA, June 2015 -, 2015. IEEE computer society.
 - [225] R. Ganian, E. J. Kim, and S. Szeider. Algorithmic applications of tree-cut width. In *Mathematical Foundations of Computer Science 2015 - 40th International Symposium, MFCS 2015, Milan, Italy, August 24-28, 2015, Proceedings, Part II*, pages 348–360, 2015.
 - [226] L. Gourvès. Profitable deviation strong equilibria. In T. Walsh, editor, *Algorithmic Decision Theory - 4th International Conference, ADT 2015, Lexington, KY, USA, September 27-30, 2015, Proceedings*, pages 236–252, Berlin Heidelberg -, 2015. Springer.
 - [227] S. Grampone, W. Litwin, and T. J. E. Schwarz. An autonomous data structure for brute force calculations in the cloud. In *7th IEEE International Conference on Cloud Computing Technology and Science, CloudCom 2015, Vancouver, BC, Canada, November 30 - December 3, 2015*, pages 347–354, 2015.
 - [228] S. Grampone, W. Litwin, and T. J. E. Schwarz. A dependable, scalable, distributed, virtual data structure. In *Algorithms and Architectures for Parallel Processing - ICA3PP International Workshops*

- and Symposiums, Zhangjiajie, China, November 18-20, 2015, *Proceedings*, pages 724–735, 2015.
- [229] G. Greco and J. Lang. Group decision making via weighted propositional logic: Complexity and islands of tractability. In *Proceedings of the Twenty-Fourth International Joint Conference on Artificial Intelligence, IJCAI 2015, Buenos Aires, Argentina, July 25-31, 2015*, pages 3008–3014, 2015.
 - [230] M. Harmassi, D. Grigori, and K. Belhajjame. Mining workflow repositories for improving fragments reuse. In J. S. Cardoso, F. Guerra, G. Houben, A. M. Pinto, and Y. Velegrakis, editors, *Semantic Keyword-Based Search on Structured Data Sources - First COST Action IC1302 International KEYSTONE Conference, IKC 2015, Coimbra, Portugal, September 8-9, 2015. Revised Selected Papers*, volume 9398 of *Lecture Notes in Computer Science*, pages 76–87. Springer, 2015.
 - [231] I. Horev, F. Yger, and M. Sugiyama. Geometry-aware principal component analysis for symmetric positive definite matrices. In T.-Y. L. Geoffrey Holmes, editor, *Proceedings of 7th Asian Conference on Machine Learning (ACML2015)*, pages 1–16. JMLR: workshop and conference proceedings, 2015.
 - [232] S. Jajodia, W. Litwin, and T. J. E. Schwarz. Numerical SQL value expressions over encrypted cloud databases. In *Database and Expert Systems Applications - 26th International Conference, DEXA 2015, Valencia, Spain, September 1-4, 2015, Proceedings, Part II*, pages 455–478, 2015.
 - [233] M. M. Kanté, E. J. Kim, O. Kwon, and C. Paul. An FPT algorithm and a polynomial kernel for linear rankwidth-1 vertex deletion. In *10th International Symposium on Parameterized and Exact Computation, IPEC 2015, September 16-18, 2015, Patras, Greece*, pages 138–150, 2015.
 - [234] E. Kim, S. Oum, C. Paul, I. Sau, and D. M. Thilikos. An FPT 2-approximation for tree-cut decomposition. In *Approximation and Online Algorithms - 13th International Workshop, WAOA 2015, Patras, Greece, September 17-18, 2015. Revised Selected Papers*, pages 35–46, 2015.
 - [235] E. J. Kim and O. Kwon. A polynomial kernel for block graph deletion. In *10th International Symposium on Parameterized and Exact Computation, IPEC 2015, September 16-18, 2015, Patras, Greece*, pages 270–281, 2015.
 - [236] E. J. Kim, M. Milanic, and O. Schaudt. Recognizing k-equistable graphs in FPT time. In *Graph-Theoretic Concepts in Computer Science - 41st International Workshop, WG 2015, Garching, Germany, June 17-19, 2015, Revised Papers*, pages 487–498, 2015.
 - [237] E. J. Kim, C. Paul, I. Sau, and D. M. Thilikos. Parameterized algorithms for min-max multiway cut and list digraph homomorphism. In *10th International Symposium on Parameterized and Exact Computation, IPEC 2015, September 16-18, 2015, Patras, Greece*, pages 78–89, 2015.
 - [238] C. Labreuche, S. Destercke, and B. Mayag. Elicitation of a utility from uncertainty equivalent without standard gambles. In S. Destercke and T. Denoeux, editors, *Symbolic and Quantitative Approaches to Reasoning with Uncertainty. 13th European Conference, ECSQARU 2015, Compiègne, France, July 15-17, 2015. Proceedings*, pages 25–35. Berlin Heidelberg -, 2015. Springer. LNCS 9161.
 - [239] J. Lang. Algorithmic decision theory meets logic - - invited talk -. In *Logic Programming and Non-monotonic Reasoning - 13th International Conference, LPNMR 2015, Lexington, KY, USA, September 27-30, 2015. Proceedings*, pages 14–19, 2015.
 - [240] J. Lang. Twenty-five years of preferred subtheories. In *Advances in Knowledge Representation, Logic Programming, and Abstract Argumentation - Essays Dedicated to Gerhard Brewka on the Occasion of His 60th Birthday*, pages 157–172, 2015.
 - [241] J. Lang, A. Rey, J. Rothe, H. Schadrack, and L. Schend. Representing and solving hedonic games with ordinal preferences and thresholds. In *Proceedings of the 2015 International Conference on Autonomous Agents and Multiagent Systems, AAMAS 2015, Istanbul, Turkey, May 4-8, 2015*, pages 1229–1237, 2015.
 - [242] J. Lang and B. Zanuttini. Probabilistic knowledge-based programs. In *Proceedings of the Twenty-Fourth International Joint Conference on Artificial Intelligence, IJCAI 2015, Buenos Aires, Argentina, July 25-31, 2015*, pages 1594–1600, 2015.
 - [243] J. Lesca, E. Fujita, A. Sonoda, T. Todo, and M. Yokoo. A complexity approach for core-selecting exchange with multiple indivisible goods under lexicographic preferences. In *Proceedings of the 29th AAAI Conference on Artificial Intelligence (AAAI2015)*, pages 907–913, Palo Alto (USA) -, 2015. AAAI Press.
 - [244] A. Louati, J. E. Haddad, and S. Pinson. Trust-based coalition formation for dynamic service composi-

- tion in social networks. In J. Wang, W. Cellary, D. Wang, H. Wang, S.-C. Chen, T. Li, and Y. Zhang, editors, *Web Information System Engineering - WISE 2015 16th International Conference, Miami, FL, USA, November 1-3, 2015, Proceedings, Part I*, pages 570–585. Springer, 2015. Lecture Notes in Computer Science, Vol. 9418.
- [245] B. Mayag. Mopic properties in the representation of preferences by a 2-additive Choquet integral. In T. Walsh, editor, *Algorithmic Decision Theory - 4th International Conference, ADT 2015, Lexington, KY, USA, September 27-30, 2015, Proceedings*, pages 222–235. Lecture Notes in Computer Science, 2015.
 - [246] M. L. Mouhoub, D. Grigori, and M. Manouvrier. Lidsearch: A sparql-driven framework for searching linked data and semantic web services. In F. Gandon, C. Guéret, S. Villata, J. Breslin, C. Faron-Zucker, and A. Zimmermann, editors, *The Semantic Web: ESWC 2015 Satellite Events. ESWC 2015 Satellite Events, Portoro, Slovenia, May 31 June 4, 2015, Revised Selected Papers*, pages 112–117. Springer International Publishing, 2015. LNCS 9341.
 - [247] E. Negre, C. Rosenthal-Sabroux, and M. Gasco. A knowledge-based conceptual vision of the smart city. In *2015 48th Hawaii International Conference on System Sciences (HICSS). Proceedings*, pages 2317–2325, Piscataway, NJ -, 2015. IEEE.
 - [248] T. Pepels, T. Cazenave, and M. H. M. Winands. Sequential halving for partially observable games. In *Computer Games - Fourth Workshop on Computer Games, CGW 2015, and the Fourth Workshop on General Intelligence in Game-Playing Agents, GIGA 2015, Held in Conjunction with the 24th International Conference on Artificial Intelligence, IJCAI 2015, Buenos Aires, Argentina, July 26-27, 2015, Revised Selected Papers*, pages 16–29, 2015.
 - [249] S. B. Rajeb, A. Senciuc, and I. Pluchinotta. Sharelab support for collective intelligence. 1 deadline, 11 designers, 1 project. In P. L. Pascal Lorenz, editor, *The Fifth International Conference on Advanced Collaborative Networks, Systems and Applications COLLA 2015*, pages 27–33. IARIA XPS Press Publisher, 2015.
 - [250] A. Senciuc, I. Pluchinotta, and S. B. Rajeb. Collective intelligence support protocol: a systemic approach for collaborative architectural design. In L. Yuhua, editor, *Cooperative Design, Visualization, and Engineering 12th International Conference, CDVE 2015, Mallorca, Spain, September 20-23, 2015. Proceedings*, pages 152–161, Berlin Heidelberg -, 2015. Springer. LNCS 9320.
 - [251] P. K. Skowron, P. Faliszewski, and J. Lang. Finding a collective set of items: From proportional multirepresentation to group recommendation. In *Proceedings of the Twenty-Ninth AAAI Conference on Artificial Intelligence, January 25-30, 2015, Austin, Texas, USA.*, pages 2131–2137, 2015.
 - [252] N. Wang, M.-H. Abel, J. Barthes, and E. Negre. Recommending competent users from semantic traces using a Bayes classifier. In *2015 IEEE International Conference on Systems, Man, and Cybernetics, SMC 2015*, pages 1351–1356. IEEE/ACM, 2015.
 - [253] N. Wang, M.-H. Abel, J.-P. Barthes, and E. Negre. Mining user competency from semantic trace. In *2015 IEEE 19th International Conference on Computer Supported Cooperative Work in Design (CSCWD)*, pages 48–53, Piscataway, NJ -, 2015. IEEE.
 - [254] N. Wang, M. H. Abel, J. P. Barthès, and E. Negre. A recommender system from semantic traces based on Bayes classifier. In I. Saad, C. Rosenthal-Sabroux, and F. Gargouri, editors, *Information and knowledge systems: perspectives and challenges, proceedings of the 2nd International Conference on Knowledge Management, Information and Knowledge Systems (KMIKS 2015)*, pages 49–60, New York -, 2015. Sfax University Press. KMIKS 2015, Hammamet, Tunisia, April 16-18, 2015.
 - [255] Y. Yang, J. Atif, and I. Bloch. Abductive reasoning using tableau methods for high-level image interpretation. In S. Holldobler, M. Krotzsch, R. Penalzoza, and S. Rudolph, editors, *KI 2015: Advances in Artificial Intelligence: 38th Annual German Conference on AI*, pages 356–365, Berlin Heidelberg -, 2015. Springer.
 - [256] F. Yger, F. Lotte, and M. Sugiyama. Averaging covariance matrices for eeg signal classification based on the csp: an empirical study. In *23rd European Signal Processing Conference (EUSIPCO 2015)*, pages 2721–2725. IEEE Press, 2015.
 - [257] D. Zaragoza, Y. Cardinale, and M. Rukoz. Simsearch: similarity search framework based on indexing

techniques in metric spaces. In R. Chbeir, Y. Manolopoulos, V. P. Mammana, E. A. Modena, A. J. M. Traina, O. S. S. Filho, Y. Badr, and F. Andrès, editors, *MEDES '15 Proceedings of the 7th International Conference on Management of computational and collective intelligence in Digital EcoSystems*, pages 90–97, New York -, 2015. ACM Press.

2016

- [258] H. Aboueisha, S. Hussain, V. Lozin, J. Monnot, B. Ries, and V. Zamaraev. A boundary property for upper domination. In L. S. Veli Mäkinen, Simon J. Puglisi, editor, *Combinatorial Algorithms. 27th International Workshop, IWOCA 2016, Helsinki, Finland, August 17-19, 2016, Proceedings*, pages 229–240, Berlin Heidelberg -, 2016. Springer. LNCS 9843.
- [259] F. Abu-Khzam, C. Bazgan, K. Casel, and H. Fernau. Building clusters with lower-bounded sizes. In S.-H. Hong, editor, *27th International Symposium on Algorithms and Computation, ISAAC 2016*, pages 4:1–4:13. Schloss Dagstuhl–Leibniz-Zentrum fuer Informatik, 2016. in Leibniz International Proceedings in Informatics (LIPICS), vol. 64.
- [260] S. Airiau, E. Bonzon, U. Endriss, N. Maudet, and J. Rossit. Rationalisation of profiles of abstract argumentation frameworks. In J. Thangarajah, K. Tuyls, C. M. Jonker, and S. Marsella, editors, *Proceedings of the 15th International Conference on Autonomous Agents and Multiagent Systems (AAMAS-2016)*, pages 350–357. IFAAMAS, 2016. Best Paper Award.
- [261] R. Angarita, M. Rukoz, M. Manouvrier, and Y. Cardinale. A knowledge-based approach for self-healing service-oriented applications. In I. B. Richard Chbeir, Rajeev Agrawal, editor, *8th International ACM Conference on Management of Digital EcoSystems (MEDES'16)*, pages 1–8, New York -, 2016. ACM Press.
- [262] E. Angel, E. Bampis, B. Escoffier, and M. Lampis. Parameterized power vertex cover. In P. Heggernes, editor, *Graph-Theoretic Concepts in Computer Science 42nd International Workshop, WG 2016, Istanbul, Turkey, June 22-24, 2016, Revised Selected Papers*, pages 97–108. Springer Berlin Heidelberg, 2016. Lecture Notes in Computer Science, Vol. 9941.
- [263] P.-E. Arduin, E. Negre, and C. Rosenthal-Sabroux. Knowledge and decision for smart cities initiatives: Cases of paris and nice. In *2016 International Conference on Industrial Informatics and Computer Systems (CIICS)*, pages 1–5. IEEE/ACM, 2016. Conference Location: Sharjah, Dubai, United Arab Emirates Dates: March 13-15.
- [264] R. A. Arocha, M. Manouvrier, and M. Rukoz. An agent architecture to enable self-healing and context-aware web of things applications. In M. R. . G. W. R. W. . V. M. Munoz and V. Chang, editors, *Proceedings of the International Conference on Internet of Things and Big Data (IoTBD 2016)*, pages 82–87. SciTePress, 2016.
- [265] M. Arru, B. Mayag, and E. Negre. Early-warning system perception: a study on fire safety. In A. H. Tapia, P. Antunes, V. A. Banuls, K. Moore, and J. P. de Albuquerque, editors, *Proceedings of the 13th International Conference on Information Systems for Crisis Response and Management*, 2016. ISCRAM 2016 Conference Rio de Janeiro May 2016.
- [266] M. Arru, E. Negre, C. Rosenthal-Sabroux, and M. Grundstein. Towards a responsible early-warning system: knowledge implications in decision support design. In *IEEE 10th International Conference on Research Challenges in Information Science (RCIS)*, page 12 p. IEEE Press, 2016. 1-3 June 2016, Grenoble, France.
- [267] H. Aziz, P. Biró, J. Lang, J. Lesca, and J. Monnot. Optimal reallocation under additive and ordinal preferences. In *Proceedings of the 2016 International Conference on Autonomous Agents & Multiagent Systems, Singapore, May 9-13, 2016*, pages 402–410, 2016.
- [268] H. Aziz, P. Harrenstein, J. Lang, and M. Wooldridge. Boolean hedonic games. In *Principles of Knowledge Representation and Reasoning: Proceedings of the Fifteenth International Conference, KR 2016, Cape Town, South Africa, April 25-29, 2016.*, pages 166–175, 2016.
- [269] H. Aziz, J. Lang, and J. Monnot. Computing pareto optimal committees. In *Proceedings of the Twenty-Fifth International Joint Conference on Artificial Intelligence, IJCAI 2016, New York, NY, USA, 9-15 July 2016*, pages 60–66, 2016.

- [270] N. Barrot and J. Lang. Conditional and sequential approval voting on combinatorial domains. In *Proceedings of the Twenty-Fifth International Joint Conference on Artificial Intelligence, IJCAI 2016, New York, NY, USA, 9-15 July 2016*, pages 88–94, 2016.
- [271] C. Bazgan, L. Brankovic, K. Casel, and H. Fernau. On the complexity landscape of the domination chain. In A. M. Sathish Govindarajan, editor, *Algorithms and Discrete Applied Mathematics - Second International Conference, CALDAM 2016*, pages 61–72, Berlin Heidelberg, 2016. Springer. Lecture Notes in Computer Science, vol. 9602.
- [272] C. Bazgan, L. Brankovic, K. Casel, H. Fernau, K. Jansen, K. Klein, M. Lampis, M. Liedloff, J. Monnot, and V. T. Paschos. Algorithmic aspects of upper domination: A parameterised perspective. In *Algorithmic Aspects in Information and Management - 11th International Conference, AAIM 2016, Bergamo, Italy, July 18-20, 2016, Proceedings*, pages 113–124, 2016.
- [273] C. Bazgan, L. Brankovic, K. Casel, H. Fernau, K. Jansen, K. Klein, M. Lampis, M. Liedloff, J. Monnot, and V. T. Paschos. Upper domination: Complexity and approximation. In *Combinatorial Algorithms - 27th International Workshop, IWOCA 2016, Helsinki, Finland, August 17-19, 2016, Proceedings*, pages 241–252, 2016.
- [274] C. Bazgan, F. Foucaud, and F. Sikora. On the approximability of partial vc dimension. In L. W. T-H. Hubert Chan, Minming Li, editor, *Combinatorial Optimization and Applications - 10th International Conference, COCOA 2016*, pages 92–106, Berlin Heidelberg -, 2016. Springer. Lecture Notes in Computer Science, vol. 10043.
- [275] K. Belhajjame and A. Bonifati. Data exchange with mapreduce: A first cut. In P. Baumann, I. Manolescu-Goujot, L. Trani, Y. E. Ioannidis, G. G. Barnaföldi, L. Dobos, and E. Bányai, editors, *Proceedings of the 28th International Conference on Scientific and Statistical Database Management, SSDBM 2016, Budapest, Hungary, July 18-20, 2016*, pages 22:1–22:4. ACM, 2016.
- [276] I. Blečić, D. Canu, A. Cecchini, T. Congiu, and G. Fancello. Factors of perceived walkability: A pilot empirical study. In O. Gervasi, B. Murgante, S. Misra, A. M. A. Rocha, C. M. Torre, D. Taniar, B. O. Apduhan, E. Stankova, and S. Wang, editors, *Computational Science and Its Applications - ICCSA 2016 16th International Conference, Beijing, China, July 4-7, 2016, Proceedings, Part IV*, pages 125–137, Berlin Heidelberg -, 2016. Springer. LNCS 9789.
- [277] I. Blečić, D. Canu, A. Cecchini, T. Congiu, G. Fancello, S. Mauro, S. Sacerdotti, and G. Trunfio. Coupling surveys with GPS tracking to explore tourists spatio-temporal behaviour. In O. Gervasi, B. Murgante, S. Misra, A. M. A. C. Rocha, C. M. Torre, D. Taniar, B. O. Apduhan, E. N. Stankova, and S. Wang, editors, *Computational Science and Its Applications - ICCSA 2016 16th International Conference, Beijing, China, July 4-7, 2016, Proceedings, Part IV*, pages 150–160. Springer, 2016. Lecture Notes in Computer Science, Vol. 9789.
- [278] I. Blečić, D. Canu, A. Cecchini, T. Congiu, G. Fancello, and G. Trunfio. An empirical study on factors of perceived walkability. In G. M. G. Colombo, P. Lombardi, editor, *9th International Conference on Innovation in Urban and Regional Planning: e-agorà for the transition toward resilient communities (INPUT 2016). Turin (14th-15th September 2016)*, pages 108–113, Torino -, 2016. Higher Institute on Territorial Systems for Innovation.
- [279] I. Blečić, D. Canu, A. Cecchini, T. Congiu, G. Fancello, and G. Trunfio. GPS tracking and surveys analysis of tourists’ spatio-temporal behaviour. the case of alghero. In G. M. G. Colombo, P. Lombardi, editor, *9th International Conference on Innovation in Urban and Regional Planning: e-agorà for the transition toward resilient communities (INPUT 2016). Turin (14th-15th September 2016)*, pages 114–120, Torino -, 2016.
- [280] I. Blečić, A. Cecchini, D. Canu, A. Cappai, T. Congiu, and G. Fancello. Evaluating the effect of urban intersections on walkability. In O. Gervasi, B. Murgante, S. Misra, A. M. A. Rocha, C. M. Torre, D. Taniar, B. O. Apduhan, E. Stankova, and S. Wang, editors, *Computational Science and Its Applications - ICCSA 2016 16th International Conference, Beijing, China, July 4-7, 2016, Proceedings, Part IV*, pages 138–149. Springer, 2016. Lecture Notes in Computer Science, Vol. 9789.
- [281] I. Blečić, A. Cecchini, T. Congiu, D. Canu, and G. F. G. Urban intersections effect on pedestrian accessibility. In G. Colombo, P. Lombardi, and G. Mondini, editors, *9th International Conference on*

- Innovation in Urban and Regional Planning: e-agora for the transition toward resilient communities (INPUT 2016). Turin (14th-15th September 2016)*, pages 157–163, Torino -, 2016. Higher Institute on Territorial Systems for Innovation.
- [282] É. Bonnet, B. Escoffier, V. T. Paschos, and G. Stamoulis. A 0.821-ratio purely combinatorial algorithm for maximum k-vertex cover in bipartite graphs. In *LATIN 2016: Theoretical Informatics - 12th Latin American Symposium, Ensenada, Mexico, April 11-15, 2016, Proceedings*, pages 235–248, 2016.
 - [283] É. Bonnet, M. Lampis, and V. T. Paschos. Time-approximation trade-offs for inapproximable problems. In *33rd Symposium on Theoretical Aspects of Computer Science, STACS 2016, February 17-20, 2016, Orléans, France*, pages 22:1–22:14, 2016.
 - [284] O. Cailloux and U. Endriss. Arguing about voting rules. In *Proceedings of the 15th International Conference on Autonomous Agents and Multiagent Systems (AAMAS 2016)*, pages 287–295. IFAAMAS, 2016.
 - [285] J. Camacho-Rodríguez, D. Colazzo, M. Herschel, I. Manolescu, and S. R. Chowdhury. Reuse-based optimization for Pig Latin. In *Proceedings of the 25th ACM International on Conference on Information and Knowledge Management, CIKM, Indianapolis, IN, USA*, pages 2215–2220, 2016.
 - [286] I. Caragiannis, L. Gourvès, and J. Monnot. Achieving proportional representation in conference programs. In S. Kambhampati, editor, *Proceedings of the Twenty-Fifth International Joint Conference on Artificial Intelligence, IJCAI 2016, New York, NY, USA, 9-15 July*, pages 144–150, Palo Alto (USA) -, 2016. AAAI Press / IJCAI.
 - [287] Y. Cardinale, J. E. Haddad, M. Manouvrier, and M. Rukoz. Measuring fuzzy atomicity for composite service execution. In I. Awan and M. Younas, editors, *OBD 2016 : The 2nd International Conference on Open and Big Data. Proceedings*, pages 62–71. IEEE computer society, 2016. article invité.
 - [288] L. A. M. C. Carvalho, K. Belhajjame, and C. B. Medeiros. Converting scripts into reproducible workflow research objects. In *12th IEEE International Conference on e-Science, e-Science 2016, Baltimore, MD, USA, October 23-27, 2016*, pages 71–80. IEEE, 2016.
 - [289] T. Cazenave, J. Liu, F. Teytaud, and O. Teytaud. Learning opening books in partially observable games: Using random seeds in phantom go. In *IEEE Conference on Computational Intelligence and Games, CIG 2016, Santorini, Greece, September 20-23, 2016*, pages 1–7, 2016.
 - [290] T. Cazenave, A. Saffidine, M. J. Schofield, and M. Thielscher. Nested Monte Carlo search for two-player games. In M. W. Dale Schuurmans, editor, *Proceedings of the Thirtieth AAAI Conference on Artificial Intelligence (AAAI-16)*, pages 687–693, Palo Alto (USA) -, 2016. AAAI Press.
 - [291] R. P. Dameri, E. Negre, and C. Rosenthal-Sabroux. Triple helix in smart cities: A literature review about the vision of public bodies, universities, and private companies. In *2016 49th Hawaii International Conference on System Sciences (HICSS)*, pages 2974–2982, Piscataway, NJ -, 2016. IEEE. Koloa, HI, USA Jan. 5, 2016 to Jan. 8, 2016.
 - [292] T. Denat and M. Öztürk-Escoffier. Dominance based monte carlo algorithm for preference learning in the multi-criteria sorting problem: Theoretical properties. In R. Busa-Fekete, E. Hüllermeier, V. Mousseau, and K. Pfannschmidt, editors, *From Multiple Criteria Decision Aid to Preference Learning. Proceedings of the DA2PL’2016 EURO Mini Conference*, pages 47–52, Paderborn -, 2016. Paderborn University.
 - [293] I. Diarassouba, M. Mahjoub, and A. R. Mahjoub. The k-node-connected subgraph problem: Facets and branch-and-cut. In *12th International Conference on the Design of Reliable Communication Networks, DRCN 2016, Paris, France, March 15-17, 2016*, pages 1–8, 2016.
 - [294] R. Dondi and F. Sikora. Finding disjoint paths on edge-colored graphs: A multivariate complexity analysis. In T.-H. H. Chan, M. Li, and L. Wang, editors, *Combinatorial Optimization and Applications*, pages 113–127. Springer International Publishing, 2016.
 - [295] R. Dondi and F. Sikora. Parameterized complexity and approximation issues for the colorful components problems. In N. J. Arnold Beckmann, Laurent Bienvenu, editor, *Pursuit of the Universal. 12th Conference on Computability in Europe, CiE 2016, Paris, France, June 27 - July 1, 2016, Proceedings*, pages 261–270. Springer International Publishing, 2016.
 - [296] S. Edelkamp and T. Cazenave. Improved diversity in nested rollout policy adaptation. In *KI 2016: Ad-*

- vances in Artificial Intelligence - 39th Annual German Conference on AI, Klagenfurt, Austria, September 26-30, 2016, Proceedings*, pages 43–55, 2016.
- [297] U. Endriss, U. Grandi, R. de Haan, and J. Lang. Succinctness of languages for judgment aggregation. In *Principles of Knowledge Representation and Reasoning: Proceedings of the Fifteenth International Conference, KR 2016, Cape Town, South Africa, April 25-29, 2016.*, pages 176–186, 2016.
 - [298] P. Faliszewski, L. Gourvès, J. Lang, J. Lesca, and J. Monnot. How hard is it for a party to nominate an election winner? In *Proceedings of the Twenty-Fifth International Joint Conference on Artificial Intelligence, IJCAI 2016, New York, NY, USA, 9-15 July 2016*, pages 257–263, 2016.
 - [299] J. Flesch, R. Laraki, and V. Perchet. Online learning and blackwell approachability in quitting games. In *COLT 2016: THE 29TH ANNUAL CONFERENCE ON LEARNING THEORY*, pages 941–942, 2016.
 - [300] F. Focacci, F. Furini, V. Gabrel, D. Godard, and X. Shen. MIP formulations for a rich real-world lot-sizing problem with setup carryover. In *Combinatorial Optimization - 4th International Symposium, ISCO 2016, Vietri sul Mare, Italy, May 16-18, 2016, Revised Selected Papers*, pages 123–134, 2016.
 - [301] D. Fotakis, L. Gourvès, and J. Monnot. Conference program design with single-peaked and single-crossing preferences. In A. V. Yang Cai, editor, *Web and Internet Economics - 12th International Conference, WINE 2016, Montreal, Canada, December 11-14, 2016, Proceedings*, pages 221–235, Berlin Heidelberg -, 2016. Springer.
 - [302] D. Fotakis, M. Lampis, and V. T. Paschos. Sub-exponential approximation schemes for csps: From dense to almost sparse. In *33rd Symposium on Theoretical Aspects of Computer Science, STACS 2016, February 17-20, 2016, Orléans, France*, pages 37:1–37:14, 2016.
 - [303] R. Giordano, S. M. H. Lopez, R. O. D. Amo, E. S. Lafuente, A. Pagano, and I. Pluchinotta. Integrating organizational risk analysis and participatory network mapping for flood risk management. In A. R. Sabine Sauvage, José-Miguel Sanchez-Pérez, editor, *8th International Congress on Environmental Modelling and Software - Toulouse, France*, page 10. International Environmental Modelling & Software Society, 2016.
 - [304] L. Gourvès, J. Lesca, and A. Wilczynski. Strategic voting in a social context: Considerate equilibria. In *ECAI 2016 - 22nd European Conference on Artificial Intelligence, 29 August-2 September 2016, The Hague, The Netherlands - Including Prestigious Applications of Artificial Intelligence (PAIS 2016)*, pages 1423–1431, 2016.
 - [305] S. B. Hamida and M. Rukoz. Tuning active sampling techniques for evolutionary learner from big data sets: Review and discussion. In J. B. Didier El Baz, editor, *Ubiquitous Intelligence & Computing, Advanced and Trusted Computing, Scalable Computing and Communications, Cloud and Big Data Computing, Internet of People, and Smart World Congress (UIC/ATC/ScalCom/CBDCoM/IoP/SmartWorld), 2016 Intl IEEE Conferences*, pages 1206–1213. Institute of Electrical and Electronics Engineers (IEEE), 2016.
 - [306] H. Hmida, S. B. Hamida, A. Borgi, and M. Rukoz. Hierarchical data topology based selection for large scale learning. In J. B. Didier El Baz, editor, *2016 Intl IEEE Conferences on Ubiquitous Intelligence & Computing, Advanced and Trusted Computing, Scalable Computing and Communications, Cloud and Big Data Computing, Internet of People, and Smart World Congress (UIC/ATC/ScalCom/CBDCoM/IoP/SmartWorld)*, pages 1221–1226, Piscataway, NJ -, July 2016. IEEE.
 - [307] H. Hmida, S. B. Hamida, A. Borgi, and M. Rukoz. Sampling methods in genetic programming learners from large datasets: A comparative study. In P. Angelov, Y. Manolopoulos, L. Iliadis, A. Roy, and M. Vellasco, editors, *Advances in Big Data - Proceedings of the 2nd INNS Conference on Big Data, October 23-25, 2016, Thessaloniki, Greece*, pages 50–60. Springer International Publishing, 2016.
 - [308] I. Horev, F. Yger, and M. Sugiyama. Geometry-aware stationary subspace analysis. In K.-E. K. Robert J. Durrant, editor, *Proceedings of The 8th Asian Conference on Machine Learning (ACML 2016)*, pages 430–444. JMLR: Workshop and Conference Proceedings, 2016.
 - [309] S. Jajodia, W. Litwin, and T. J. E. Schwarz. On-the-fly AES256 decryption/encryption for trusted cloud SQL DBS: position statement. In *27th International Workshop on Database and Expert Systems*

- Applications, DEXA 2016 Workshops, Porto, Portugal, September 5-8, 2016*, pages 19–23, 2016.
- [310] S. Jajodia, W. Litwin, and T. J. E. Schwarz. Trusted cloud SQL DBS with on-the-fly AES decryption/encryption. In *2016 IEEE International Conference on Big Data, BigData 2016, Washington DC, USA, December 5-8, 2016*, pages 3666–3675, 2016.
 - [311] J. Jeong, E. J. Kim, and S. Oum. Constructive algorithm for path-width of matroids. In *Proceedings of the Twenty-Seventh Annual ACM-SIAM Symposium on Discrete Algorithms, SODA 2016, Arlington, VA, USA, January 10-12, 2016*, pages 1695–1704, 2016.
 - [312] F. Labernia, F. Yger, B. Mayag, and J. Atif. Query-based learning of acyclic conditional preference networks from noisy data. In R. Busa-Fekete, E. Hullermeier, V. Mousseau, and K. Pfannschmidt, editors, *From Multiple Criteria Decision Aid to Preference Learning : Proceedings of the DA2PL'2016 EURO Mini Conference*, page 6, Paderborn -, 2016. Paderborn University.
 - [313] M. K. Labidi, I. Diarrassouba, A. R. Mahjoub, and A. Omrane. A parallel hybrid genetic algorithm for the k-edge-connected hop-constrained network design problem. In *Proceedings of the 2016 on Genetic and Evolutionary Computation Conference, Denver, CO, USA, July 20 - 24, 2016*, pages 685–692, 2016.
 - [314] J. Lang. Computational social choice. In *Proceedings of the 8th International Conference on Agents and Artificial Intelligence (ICAART 2016), Volume 1, Rome, Italy, February 24-26, 2016.*, page 9, 2016.
 - [315] J. Lang and P. K. Skowron. Multi-attribute proportional representation. In *Proceedings of the Thirtieth AAAI Conference on Artificial Intelligence, February 12-17, 2016, Phoenix, Arizona, USA.*, pages 530–536, 2016.
 - [316] J. Lang, M. Slavkovik, and S. Vesic. Agenda separability in judgment aggregation. In *Proceedings of the Thirtieth AAAI Conference on Artificial Intelligence, February 12-17, 2016, Phoenix, Arizona, USA.*, pages 1016–1022, 2016.
 - [317] J. Liu, O. Teytaud, and T. Cazenave. Fast seed-learning algorithms for games. In *Computers and Games - 9th International Conference, CG 2016, Leiden, The Netherlands, June 29 - July 1, 2016, Revised Selected Papers*, pages 58–70, 2016.
 - [318] Y. Magnouche, A. R. Mahjoub, and S. Martin. The multi-terminal vertex separator problem: Extended formulations and branch-and-cut-and-price. In *International Conference on Control, Decision and Information Technologies, CoDIT 2016, Saint Julian's, Malta, April 6-8, 2016*, pages 683–688, 2016.
 - [319] B. Mayag. A 2-additive Choquet integral model for french hospitals rankings in weight loss surgery. In J. P. Carvalho, M.-J. Lesot, U. Kaymak, S. M. Vieira, B. Bouchon-Meunier, and R. R. Yager, editors, *Information Processing and Management of Uncertainty in Knowledge-Based Systems - 16th International Conference, IPMU 2016, Eindhoven, The Netherlands, June 20-24, 2016, Proceedings*, pages 101–116. Springer International Publishing, 2016.
 - [320] S. Moretti and M. Öztürk-Escoffier. Ordinal power relations and social rankings. In *COMSOC 2016, Toulouse -*, 2016. Sixth International Workshop on Computational Social Choice.
 - [321] M. Y. Naghmouchi, N. Perrot, N. Kheir, A. R. Mahjoub, and J. Wary. A new risk assessment framework using graph theory for complex ICT systems. In *Proceedings of the 8th ACM CCS International Workshop on Managing Insider Security Threats, MIST@CCS 2016, Vienna, Austria, October 28, 2016*, pages 97–100, 2016.
 - [322] L. Pasquier, A. Cornuéjols, and S. Pinson. Apprentissage du signal prix de l'électricité. arbres de régression, séries temporelles et prédictions à long terme. In *16ème Journées Francophones Extraction et Gestion des Connaissances, EGC 2016, 18-22 Janvier 2016, Reims, France*, pages 543–544, 2016.
 - [323] N. W. Paton, K. Belhajjame, S. M. Embury, A. A. A. Fernandes, and R. Maskat. Pay-as-you-go data integration: Experiences and recurring themes. In R. M. Freivalds, G. Engels, and B. Catania, editors, *SOFSEM 2016: Theory and Practice of Computer Science - 42nd International Conference on Current Trends in Theory and Practice of Computer Science, Harrachov, Czech Republic, January 23-28, 2016, Proceedings*, volume 9587 of *Lecture Notes in Computer Science*, pages 81–92. Springer, 2016.
 - [324] J. F. Pimentel, S. C. Dey, T. M. McPhillips, K. Belhajjame, D. Koop, L. Murta, V. Braganholo, and B. Ludäscher. Yin & yang: Demonstrating complementary provenance from noworkflow & yesworkflow. In M. Mattoso and B. Glavic, editors, *Provenance and Annotation of Data and Processes - 6th*

- International Provenance and Annotation Workshop, IPAW 2016, McLean, VA, USA, June 7-8, 2016, Proceedings*, volume 9672 of *Lecture Notes in Computer Science*, pages 161–165. Springer, 2016.
- [325] J. C. C. Ríos, N. W. Paton, A. A. A. Fernandes, and K. Belhajjame. Efficient feedback collection for pay-as-you-go source selection. In P. Baumann, I. Manolescu-Goujot, L. Trani, Y. E. Ioannidis, G. G. Barnaföldi, L. Dobos, and E. Bányai, editors, *Proceedings of the 28th International Conference on Scientific and Statistical Database Management, SSDBM 2016, Budapest, Hungary, July 18-20, 2016*, pages 1:1–1:12. ACM, 2016.
 - [326] M. B. Salem, R. Taktak, H. Ben-Abdallah, and A. R. Mahjoub. Polyhedral analysis for the disjunctively constrained knapsack problem. In *International Conference on Control, Decision and Information Technologies, CoDIT 2016, Saint Julian's, Malta, April 6-8, 2016*, pages 557–562, 2016.
 - [327] I. Yamane, F. Yger, M. Berar, and M. Sugiyama. Multitask principal component analysis. In K.-E. K. Robert J. Durrant, editor, *Proceedings of The 8th Asian Conference on Machine Learning (ACML 2016)*, pages 302–317. JMLR: Workshop and Conference Proceedings, 2016.
 - [328] Y. Yang, R. D. Aldama, J. Atif, and I. Bloch. Efficient semantic tableau generation for abduction in propositional logic. In G. A. Kaminka, M. Fox, P. Bouquet, E. Hüllermeier, V. Dignum, F. Dignum, and F. van Harmelen, editors, *ECAI 16*, pages 1756–1757. IOS Press Books, 2016. in *Frontiers in Artificial Intelligence and Applications*, vol. 285.
- 2017
- [329] J. Atif, T. Evain, X. Ripoche, and I. Bloch. Semi-automatic teeth segmentation in cone-beam computed tomography by graph-cut with statistical shape prior. In *IEEE International Symposium on Biomedical Imaging (ISBI)*, New York -, 2017. IEEE Signal Processing Society.
 - [330] H. Aziz, S. Bouveret, J. Lang, and S. Mackenzie. Complexity of manipulating sequential allocation. In *Proceedings of the Thirty-First AAAI Conference on Artificial Intelligence, February 4-9, 2017, San Francisco, California, USA.*, pages 328–334, 2017.
 - [331] M. A. Baazizi, H. B. Lahmar, D. Colazzo, G. Ghelli, and C. Sartiani. Schema inference for massive JSON datasets. In *Proceedings of the 20th International Conference on Extending Database Technology, EDBT 2017, Venice, Italy, March 21-24, 2017.*, pages 222–233, 2017.
 - [332] C. Bazgan, T. Pontoizeau, and Z. Tuza. On the complexity of finding a potential community. In *Algorithms and Complexity - 10th International Conference, CIAC 2017, Athens, Greece, May 24-26, 2017, Proceedings*, pages 80–91, 2017.
 - [333] M. Bojarski, A. Choromanska, K. Choromanski, F. Fagan, C. Gouy-Pailler, A. Morvan, N. Sakr, T. Sarlos, and J. Atif. Structured adaptive and random spinners for fast machine learning computations. In *AISTATS 2017*. JMLR: Workshop and Conference Proceedings, 2017.
 - [334] D. Fotakis, L. Gourvès, and J. Monnot. Selfish transportation games. In *SOFSEM 2017: Theory and Practice of Computer Science - 43rd International Conference on Current Trends in Theory and Practice of Computer Science, Limerick, Ireland, January 16-20, 2017, Proceedings*, pages 176–187, 2017.
 - [335] L. Gourvès and J. Monnot. Approximate maximin share allocations in matroids. In *Algorithms and Complexity - 10th International Conference, CIAC 2017, Athens, Greece, May 24-26, 2017, Proceedings*, pages 310–321, 2017.
 - [336] J. Kruger and S. Airiau. Refinements and randomised versions of some tournament solutions. In *Proceedings of the 16th Conference on Autonomous Agents and MultiAgent Systems, AAMAS 2017, São Paulo, Brazil, May 8-12, 2017*, pages 1584–1586, 2017.
 - [337] J. Lang, J. Monnot, A. Slinko, and W. S. Zwicker. Beyond electing and ranking: Collective dominating chains, dominating subsets and dichotomies. In *Proceedings of the 16th Conference on Autonomous Agents and MultiAgent Systems, AAMAS 2017, São Paulo, Brazil, May 8-12, 2017*, pages 24–32, 2017.

Proceedings (13)

2012

- [1] A. R. Mahjoub, V. Markakis, I. Milis, and V. T. Paschos, editors. *Combinatorial Optimization - Second International Symposium, ISCO 2012, Athens, Greece, April 19-21, 2012, Revised Selected Papers*, volume 7422 of *Lecture Notes in Computer Science*. Springer, 2012.

2013

- [2] P. Perny, M. Pirlot, and A. Tsoukiàs, editors. *Algorithmic Decision Theory - Third International Conference, ADT 2013, Bruxelles, Belgium, November 12-14, 2013, Proceedings*, volume 8176 of *Lecture Notes in Computer Science*. Springer, 2013.

2014

- [3] S. Bimonte, L. d’Orazio, and E. Negre, editors. *Xe journées francophones sur les Entrepôts de Données et l’Analyse en Ligne. EDA’14*, Paris, 2014. Hermann.
- [4] T. Cazenave, M. H. M. Winands, and Y. Björnsson, editors. *Computer Games - Third Workshop on Computer Games, CGW 2014, Held in Conjunction with the 21st European Conference on Artificial Intelligence, ECAI 2014, Prague, Czech Republic, August 18, 2014, Revised Selected Papers*, volume 504 of *Communications in Computer and Information Science*. Springer, 2014.
- [5] T. Cazenave, M. H. M. Winands, and H. Iida, editors. *Computer Games - Workshop on Computer Games, CGW 2013, Held in Conjunction with the 23rd International Conference on Artificial Intelligence, IJCAI 2013, Beijing, China, August 3, 2013, Revised Selected Papers*, volume 408 of *Communications in Computer and Information Science*. Springer, 2014.
- [6] P. Foulhoux, L. E. N. Gouveia, A. R. Mahjoub, and V. T. Paschos, editors. *Combinatorial Optimization - Third International Symposium, ISCO 2014, Lisbon, Portugal, March 5-7, 2014, Revised Selected Papers*, volume 8596 of *Lecture Notes in Computer Science*. Springer, 2014.

2015

- [7] V. T. Paschos and P. Widmayer, editors. *Algorithms and Complexity - 9th International Conference, CIAC 2015, Paris, France, May 20-22, 2015. Proceedings*, volume 9079 of *Lecture Notes in Computer Science*. Springer, 2015.
- [8] A. Barros, D. Grigori, N. C. Narendra, and H. K. Dam, editors. *Service-Oriented Computing - 13th International Conference, ICSOC 2015, Goa, India, November 16-19, 2015, Proceedings*, volume 9435 of *Lecture Notes in Computer Science*. Springer, 2015.
- [9] F. Toumani, B. Pernici, D. Grigori, D. Benslimane, J. Mendling, N. B. Hadj-Alouane, M. B. Blake, O. Perrin, I. Saleh, and S. Bhiri, editors. *Service-Oriented Computing - ICSOC 2014 Workshops - WESOA; SeMaPS, RMSOC, KASA, ISC, FOR-MOVES, CCSA and Satellite Events, Paris, France, November 3-6, 2014, Revised Selected Papers*, volume 8954 of *Lecture Notes in Computer Science*. Springer, 2015.

2016

- [10] T. Cazenave, M. H. M. Winands, S. Edelkamp, S. Schiffel, M. Thielscher, and J. Togelius, editors. *Computer Games - Fourth Workshop on Computer Games, CGW 2015, and the Fourth Workshop on General Intelligence in Game-Playing Agents, GIGA 2015, Held in Conjunction with the 24th International Conference on Artificial Intelligence, IJCAI 2015, Buenos Aires, Argentina, July 26-27, 2015, Revised Selected Papers*, volume 614 of *Communications in Computer and Information Science*. Springer, 2016.
- [11] R. Cerulli, S. Fujishige, and A. R. Mahjoub, editors. *Combinatorial Optimization - 4th International Symposium, ISCO 2016, Vietri sul Mare, Italy, May 16-18, 2016, Revised Selected Papers*, volume 9849 of *Lecture Notes in Computer Science*. Springer, 2016.

- [12] M. Younas, I. Awan, and J. E. Haddad, editors. *4th IEEE International Conference on Future Internet of Things and Cloud Workshops*. IEEE computer society, 2016.

2017

- [12] D. Fotakis, A. Pagourtzis, and V. T. Paschos, editors. *Algorithms and Complexity - 10th International Conference, CIAC 2017, Athens, Greece, May 24-26, 2017, Proceedings*, volume 10236 of *Lecture Notes in Computer Science*, 2017.