

Pubblicazioni

1. "The fundamental theorem of de Finetti for conditional events : a linear algorithm to determine the interval $[p_0; p_{00}]$ " (1999). Preprint. (coll. A. Gilio).
2. "A linear algorithm for the optimal propagation of conditional probability assessments: an implementation with Maple V" (1999). Contributi 6, Dip. di Scienze, Storia dell'Architettura e Restauro, Univ. di Pescara, 8-21. (coll. A. Gilio)
3. "A general probabilistic database model" (1999). Convegno "Modeli per il trattamento della conoscenza parziale nel processo decisionale", 7-9 aprile 1999, Perugia.. (coll. A. Ferro, A. Gilio, R. Giugno)
4. "A generalization of the fundamental theorem of de Finetti for imprecise conditional probability assessments" (2000). In International Journal of Approximate Reasoning, 24, 251-272 (coll. A. Gilio)
5. "Algorithms for the extension of precise and imprecise conditional probability assessments: an implementation with Maple V" (2000). Le Matematiche, Volume LV 2000.
6. "Efficient Checking of Coherence and Propagation of Imprecise Probability Assessments" (2000). Proc. of IPMU2000, Madrid, SPAIN, July 3-7, 2000. (coll. A. Gilio, G. Sanfilippo).
7. "An overview on temporal probabilistic object bases" (2000). Extended abstract, Convegno "Modelli per il trattamento della conoscenza parziale nel processo decisionale", Lipari (ME), 22-26 Luglio 2000, (coll. R. Giugno, V.S. Subrahmanian).
8. "A general probabilistic database model" (2000). Proc. of IPMU2000, Madrid, SPAIN, July 3-7, 2000, (coll. A. Ferro, A. Gilio, R. Giugno).
9. "Computational Aspects in Checking of Coherence and Propagation of Conditional Probability Bounds" (2000). Proc. of WUPES2000, June 20-24, 2000, Jindrichuv Hradec, Czech Republic, pp.1-13, (coll. A. Gilio, G. Sanfilippo).
10. "Probabilistic Logic under Coherence, Model-Theoretic Probabilistic Logic, and Default Reasoning". In proceedings of the "ECSQARU" 2001 pages 290-302, Toulouse, France, 19-21 September 2001. Volume 2143 of Lecture Notes in Artificial Intelligence, Springer, 2001. (coll. A. Gilio, T. Lukasiewicz, G. Sanfilippo).
11. "Probabilistic Logic under Coherence: Complexity and Algorithms" (2001). In

- Proceedings of the 2nd International Symposium on Imprecise Probabilities and their Applications (ISIPTA '01), pages 51-61, Ithaca, New York, USA, June 2001. (coll. A. Gilio, T. Lukasiewicz, G. Sanfilippo).
12. "Algorithms for Coherence Checking and Propagation of Conditional Probability Bounds" (2001). KI-2001, Workshop "Uncertainty in Artificial Intelligence", Vienna, Austria, Settembre 17, 2001. (coll. A. Gilio, G. Sanfilippo).
 13. "On the linear structure of betting criterion and the checking of coherence". *Annals of Mathematics and Artificial Intelligence*, 35 (1-4), pp. 83-106, May 2002. (coll. A. Gilio).
 14. "Probabilistic Logic under Coherence, Model-Theoretic Probabilistic Logic, and Default Reasoning in System P". *Journal of Applied Non-Classical Logics*, 12(2), 189-213, 2002. (coll. A. Gilio, T. Lukasiewicz, G. Sanfilippo).
 15. "Some results on generalized coherence of conditional probability bounds". In *Proceedings of the 3rd International Symposium on Imprecise Probabilities and Their Applications (ISIPTA '03)*, pages 62 - 76, University of Lugano , Switzerland 14-17 July, 2003. (coll. A. Gilio, G. Sanfilippo).
 16. "Logical Conditions for Coherent Qualitative and Numerical Probability Assessments". In *Proc. Of WUPES2003*, Hejnice, Czech Republic, 24 - 27 September, 2003. (coll. A. Gilio, G. Sanfilippo).
 17. "Temporal Probabilistic Object Bases". *IEEE Transactions on Knowledge and Data Engineering (TKDE)*, 15(4), 921-939, July/August 2003. (coll. R. Giugno, Thomas Lukasiewicz, V.S. Subrahmanian).
 18. "Some results on generalized coherence of conditional probability bounds". In *Proceedings of the 3rd International Symposium on Imprecise Probabilities and Their Applications (ISIPTA '03)*, pages 62 - 76, University of Lugano , Switzerland 14-17 July, 2003. (coll. A. Gilio, G. Sanfilippo).
 19. "Coherence Checking and Propagation of Lower Probability Bounds". *Soft Computing*, 7, 310-320, 2003. (coll. A. Gilio, G. Sanfilippo).
 20. "Coherence conditions for generalized probability assessments". In *Proc. of*

IPMU2004,
Perugia, Italy, 4-9 July 2004. (coll. A. Gilio).

21. "Probabilistic Logic under Coherence: Complexity and Algorithms". *Annals of Mathematics and Artificial Intelligence*, 45(1-2), 35-81, October 2005. (coll. A. Gilio, T. Lukasiewicz, G. Sanfilippo).

22. "Some theoretical properties of conditional probability assessments". *Proc. of the 8th European Conference on Symbolic and Quantitative Approaches on Reasoning and Uncertainty (ECSQARU 2005)*, Barcelona, Spain, July 6-8. 2005. (coll. A. Gilio).

23. "Some theoretical properties of interval-valued conditional probability assessments". *Proc. of the 4th International Symposium on Imprecise Probabilities and Their Applications (ISIPTA 2005)*, Carnegie Mellon University Pittsburgh, PA, USA July 20-23. 2005. (coll. A. Gilio).

24. "Some results on imprecise conditional prevision assessments". In *Proc. of ISIPTA 2007*. Prague, Czech Republic, 16-19 July 2007, p. 31-40. (coll. A. Gilio).

25. "Generalized coherence and connection property of imprecise conditional previsions". In *12th Information Processing and Management of Uncertainty in Knowledge-Based Systems Conference, IPMU 2008*, Malaga, Spain, June 22 - 27, 2008. (coll. A. Gilio, G. Sanfilippo).

26. "On general conditional random quantities". In *ISIPTA'09: Proceedings of the Fifth International Symposium on Imprecise Probabilities: Theory and Applications*, Durham, United Kingdom, 14-17 July, 2009. (coll. A. Gilio, G. Sanfilippo).

27. "On general conditional prevision assessments". In *Proceedings of the 8th Workshop of Uncertainty Processing*, Liblice, Czech Rep., Sept. 19-23, 2009. (coll. A. Gilio, G. Sanfilippo).

28. "Coherent Conditional Previsions and Proper Scoring Rules ". Chapter in *Advances in Computational Intelligence* (Salvatore Greco, Bernadette Bouchon-Meunier, Giulianella Coletti, Mario Fedrizzi, Benedetto Matarazzo, Ronald R. Yager, eds.), Springer, volume 300, pages 146--156, 2012. (coll. A. Gilio, G. Sanfilippo).