

Bibliographie

- Abdi H. Les réseaux de neurones, Presses Universitaires de Grenoble 1994
Aminzadeh F. Jamshidi M. Soft Computing p.29-43 Prentice Hall 1994
Andrès V. Filtrage sémantique dans une base de données imprécises et incertaines : un système souple autorisant la formulation de requêtes composites pondérées. Thèse Université P.Sabatier Toulouse 1989
Akdag H. Une approche logique du raisonnement incertain, Thèse d'état Paris VI 1992
Allen An interval-based representation for temporal knowledge, 7th Int. Conference on AI, 1981
Alliot J.M. Durand N. Medioni F. Algorithmes génétiques et programmation linéaire appliqués à la résolution de conflits, Evolution artificielle p.91-98 Cepaduès, 1994
Appriou A. Procédure d'aide à la décision multi-informateurs. Applications à la classification multi-capteurs de cibles ONERA 92322 Châtillon, 1988
Assilian S. Mamdani E.H. Learning control algorithm in real dynamic systems. Proceedings of the 4th international IFAC / IFIP Zurich, 1974
Atanassov K. Intuitionistic fuzzy sets, FSS vol. 20 p.87-96, 1986
Baldwin J.F. A new approach to approximate reasoning using a fuzzy logic, in FSS n°2, 1979
Baldwin J.F. Evidential support logic programming, Fuzzy Sets and Systems n°24, 1987
Baldwin J.F. Martin T. An abstract mechanism for handling uncertainty, 3^e conférence IPMU Paris, 1990
Baldwin J.F. Martin T. Pilsworth B. Fril, fuzzy and evidential reasoning in AI, Research studies press, 1994
Baldwin J.F. Knowledge from data using Fril and fuzzy methods, Fuzzy logic, Wiley 96
Baldwin J.F. Lawry J. Martin T.P. A mass assignment theory of the probability of fuzzy events, FSS vol 83 p.353-367, 1996
Barendregt H.P. The lambda-calculus, its syntax and semantics, North Holland 1981
Bartolini G. Casalino G. F.Davoli M.Minciardi E.Morten Development of performance adaptative fuzzy controllers with application to continuous casting plants. Industrial applications of fuzzy control M.Sugeno ed. North Holland, 1985
Belnap N.D. A useful four-valued logic, Modern uses of multiple values logics, Epstein Dumm eds n°8-37, Dordrecht, 1977
Béreau M. Dubuisson B. A fuzzy extended k-nearest neighbors rule, FSS 44 p.17-32, 1991
Berenji H.R. A reinforcement learning-based architecture for fuzzy logic control, international journal of approximate reasoning n°6 p.267-292, 1992

- Besnard P. Default logic, Springer Verlag 1989
- Bezdek J.C. Cluster validity with fuzzy sets, Journal of cybernetics vol 3 p.58-73, 1974
- Bezdek J.C. Pattern recognition with fuzzy objective function algorithms, Plenum press New York, 1981
- Bloch I. Maître H. Constructing a fuzzy mathematical morphology : alternative ways, IEEE, 1993
- Bloch I. Maître H. Fuzzy mathematical morphologies : a comparative study, Pattern recognition vol 28 n° 9 p.1341-1387, 1995
- Bloch. I. Pellet C. Sureda F. Herment A. Fuzzy modelling and fuzzy mathematical morphology applied to 3D reconstruction of blood vessels by multi-modality data fusion, in Fuzzy sets methods and information Engineering : a guided tour of applications, Wiley, 1996
- Bonissone P.P. Summarizing and propagating uncertain information with triangular norms, Readings in uncertain reasoning Morgan Kaufmann Publ. p.239-253 San Mateo, 1987
- Bosc P. Galibourg M. Hamon G. Fuzzy querying with SQL : extensions and implementation aspects, FSS n°28 p.333-349, 1988
- Bosc P. Liétard L. Incertitude et division relationnelle de relations floues, Actes LFA p.126-133, 1995
- Bosc P. Pivert O. SQLf, A relational database language for fuzzy querying, IEEE Transactions of fuzzy systems, vol.3 p.1-17, 1995
- Bothorel S. Toward general measures of comparison of objects, FSS 84 p.143-153, 1996
- Bouchon-Meunier B. Management and uncertainty in knowledge-based systems in Encyclopedia of computer science and technology vol. 20 (Marcel Dekker inc. New York) 1989
- Bouchon-Meunier B. Stability of linguistic modifiers compatible with a fuzzy logic Uncertainty in intelligent systems Springer Verlag Lectures notes in computer science, vol 313, 1988
- Bouchon-Meunier B. Yao J. Linguistic modifiers and imprecise categories, Journal of intelligent systems, vol.7 p.25-36, 1992
- Bouchon-Meunier B. La logique floue, P.U.F. (Que-sais-je?), 1993
- Bouchon-Meunier B. La logique floue et ses applications, Addison Wesley, 1995
- Bouchon-Meunier B. Marsala C. Ramdani M. Arbres de décision et théorie des sous-ensembles flous, Actes du 5° PRC-GDR en IA p.50-53, 1995
- Bouchon-Meunier B. Nguyen H.T. Les incertitudes dans les systèmes intelligents, PUF 1996
- Boverie S. La commande floue dans les systèmes automobiles, Neuro-Nîmes p.21-29, 1993
- Broomhead D.S. Lowe D. Multivariable functional interpolation and adaptative networks, Complex systems, vol. 2 p.321-355, 1988
- Brunet Contribution au neuro-flou, Thèse Université d'Evry 1996
- Buchanan B.G. Shortliffe E.H. Rule-based expert systeme : the Mycin experiments of the Stanford Heuristic Programming Project, Addison Wesley, 1984
- Buckley J.J. siler W. tucker D. Flops : a fuzzy expert system : applications and perspectives, Fuzzy logic in knowledge engineering, Verlag TUV 1986
- Buckley J.J. Theory of the fuzzy controller : An introduction. University of Alabama, 1990
- Buckley J.J. Fuzzy controller : further limit theorems for linear control rules, FSS n°36, 1990
- Buckley J.J. Ying H. Fuzzy controller : limit theorems for linear fuzzy control rules. Automatica vol.25 n°3 p.469, 1989
- Buckley J.J. Sugeno type controllers are universal controllers FSS n°53 p.299-303, 1993
- Buisson J.C. Farennyn H. Prade H. Dealing with imprecision and uncertainty in the expert system Diabeto III (Actes du 2° colloque d'intelligence artificielle de Marseille) p.705-721, 1986
- Bühler H. Réglage par logique floue, Presses polytechniques et univ. romandes, 1994

- Cerf R. Une théorie asymptotique des algorithmes génétiques, Thèse Univ. Montpellier, 1994
- Chateauneuf A. Jaffray J.Y. Some characterizations of lower probabilities and other monotone capacities through the use of Möbius inversion, Mathematical Social Sciences n°17, 1989
- Chi Z. Yan H. ID3-derived fuzzy rules and optimized defuzzyfication for handwritten numeral recognition, IEEE transactions on fuzzy systems, vol 4 n°1 p.24-31, 1996
- Cho K.B. Wang B.H. Radial basis function based adaptative fuzzy systems and their application to system identification and prediction, FSS vol 83 p.325-339, 1996
- Chockalingam T. Arunkumar S. Genetic algorithm based heuristics for the mapping problem, Int. Journal Computers and Op. Research vol 22, p.55-64, 1995
- Choquet G. Théorie des capacités, Annales de l'institut Fourier 5, 1953
- Chuen Chien Lee Fuzzy logic in control systems : fuzzy logic controller IEEE Transactions n° 20, 1990
- Colmerauer A. Giannesini F Kanoui H. Pasero R. Van Caneghem M. Prolog, Inter Editions, 1985
- Cooper G.F. Nestor : a computer-based medical diagnostic aid that integrates causal and probabilistic knowledge, Ph.D. Stanford Univ. 1984
- Cordón O. Herrera F. A general study on genetic fuzzy systems, Genetic Algorithms in engineering and computer science, p.33-57 Wiley 1995
- Cordón O. Herrera O. Peregrin A. Applicability of the fuzzy operators in the design of fuzzy logic controllers, FSS vol 86 p.15-41, 1997
- Daniel M. Algebraic structures related to Dempster-Shafer theory, IPMU p.71-76, 1994
- Daniel M. Algebraic properties of structures related to Dempster-Shafer theory, IPMU p.441-447, 1996
- De Glas M. representation of Lukasiewicz' many-valued algebras; he atomic case, FSS n°14, 1984
- DeKleer J. An assumption-based truth maintenance system, Artificial intelligence n°28 p.127-162, 1986
- Delahaye J.P. Information, complexité et hasard, Hermès 1994
- Dempster A.P. Upper and lower probability. Annals of mathematical statistics n°38 p.325-339, 1967
- Després S. Un apport à la conception de systèmes à base de connaissances : les opérations de déduction floue, Thèse Paris VI 1988
- Dessales J.L. L'odrinateur génétique, Hermès 1996
- Desvignes S. Introduction à l'utilisation de MVL Rapport Laforia Paris VI n°92/29, 1992
- Doyle J. A A truth maintenance system, Artificial intelligence n°12 p.231-272, 1979
- Dubois D. Prade H. FSS n°2 1979
- Dubois D. Prade H. Théorie des possibilités Masson, 1985
- Dubois D. Prade H. Combination of fuzzy information in the framework of possibility theory, Data fusion in robotics and machine intelligence, Academic press New York p.481-505, 1992
- Dubois D. Prade H. La fusion d'informations imprécises, Traitement du signal vol II n°6 p.447-458 1994
- Dubois D. Prade H. Zimmermann H.J. Handbook of fuzzy sets and possibility theory, Kluwer academic, 1997
- Dubois D. Godo L. Lopez de Mantara R. Prade H. Qualitative reasoning with imprecise probabilities Journal of Intelligent Information and System 2 p.319-363, 1993
- Dubuisson B. Oppenham S. Distances entre sous ensembles flous et classification hiérarchique relative ascendante, Journée CNRS Applications de la théorie du flou, 1980
- Elman J.L. Finding structure in time, Cognitive science vol.14 p.179-211, 1990

- Farennny H. Prade H. Default and inexact reasoning with possibility degrees (Rapport LSI n°247) 1986
- Farennny H. Prade H. WyssE. Approximate reasoning in a rule-based expert system using possibility theory : a case study. (Information processing 86 North Holland) 1986
- Farinhais del Cerro Logique temporelle et valeur de programmes parallèles, Masson
- Felix R. Entscheidung bei qualitativen Zielen, Dissertation Univ. Dortmund, 1991
- Fonseca C.M. Fleming P.J. Genetic algorithms for multiobjective optimization : formulation, discussion and generalization, Proc. of the 5th conf. on the GA and their applications 1993
- Forbus Gentner Learning physical domains, Machine learning vol.2 (Morgan Kaufmann publishers) 1986
- Foulloy L. Benoit E. Capteurs flous multicomposantes : application à la reconnaissance des couleurs Actes des journées "Applications des ensembles flous" Nîmes p.167-175, 1993
- Froidevaux C. ISA hierarchies with exception, 5^e congrès AFCET Rec. des formes et IA p.1127-1138, 1985
- Gabbay D. Intuitionistic basis for non-monotonic logic, Proc. Conf. on automated deduction, Lectures note on computer science n°6 p.260-273, Springer Verlag 1982
- Gacôgne L. Contribution à la représentation des connaissances floues et mise en oeuvre d'un système de raisonnement approché, Thèse ParisVII, 1990
- Gacôgne L. An extension of the possibility theory in view of the formalization of approximate reasoning. Lectures notes in computer science n° 548 p.176-181, 1991
- Gacôgne L. About a foundation of the Dempster's rule, Rapport 93/27 Laforia, 1993
- Gacôgne L. Apprentissage génétique global d'un contrôleur flou à deux variables basé sur la simulation d'un véhicule autonome, Actes IIPMU p.1099-1104, 1994
- Gacôgne L. About the fitness of fuzzy controllers whose rules are learned by genetic algorithms. EUFIT p.1523-1531, Aachen, 1994
- Gacôgne L. Research of Pareto set by genetic algorithm, application to multicriteria optimization of fuzzy controller, EUFIT 97 (à paraître).
- Gedjati Guessoum F. Résolution par des heuristiques dynamiques et des algorithmes génétiques du problème d'ordonnancement de type job-shop généralisé. Thèse Paris VI, 1994
- Geno H. Fujiwara Y. Yoneda H. Fukushima K. Human sensory perception oriented image processing in color copy system. Proceedings of the international conference on fuzzy logic and neural networks Iizuka Japan p.423-427, 1990
- Geyer-Shulz A. Fuzzy rule based expert system and genetic machine learning, Physica-Verlag 1995
- Ginsberg M.L. Non monotonic reasoning using Dempster's rule, Proceedings of the fourth national conference on AI p.126-129, 1984
- Ginsberg M. Multivalued logics : a uniform approach to reasoning in artificial intelligence, Computational Intelligence 4 p.265-316, 1988
- Ginsberg M. A circumscriptive theorem prover, Artificial intelligence 39 p.209-230, 1989
- Glorennec P.Y. "An evolutionary neuro fuzzy network" Proceedings of the 4th neuro-Nîmes, 1991
- Glorennec P.Y. Applications des algorithmes génétiques pour l'optimisation des fonctions d'appartenance d'un réseau neuro-flou, Deuxièmes journées sur les applications des ensembles flous, p.219-226 Nîmes, 1992
- Glover Future paths for integer programming and links to artificial intelligence, Computer and operational research, vol 5 p.340-349, 1986
- Gochet P. Gribomont P. Logique volume II, Hermès
- Godó L. Jacas J. Valverde L. Fuzzy values in fuzzy logic Proc. 3^e IFSA conf.Seattle p.829-832, 1989

- Goldberg D.E. Richardson J. Genetic algorithms with sharing for multimodal function optimization, GA and their applications p.41-49 Hillsdale New Jersey Lawrence Erlbaum ass., 1987
- Grabisch M. Le regroupement et la classification floue, lettre du club CRIN logique floue, mai 1992
- Grabisch M. On equivalence classes of fuzzy connectives - The case of fuzzy integrals, IEEE Trans. on fuzzy systems, vol.3 n°1, p.96-109, 1995
- Grégoire E. Logiques non monotones et Intelligence artificielle, Hermès 1990
- Gustafson D.E. Kessel W. Fuzzy clustering with a fuzzy covariance matrix, Proc. IEEE, vol. 2 p.761-766, 1979
- Hölle U. Klement E.P. Non classical logics and their applications to fuzzy subsets, Series B vol 32 Kluwer ac. publishers 1995
- Hornik K. Stinchcombe M. White M. Multilayer feedforward networks are universal approximators, Dep. of economics Univ. of California San Diego 1988
- Hornik K. Multilayer feedforward networks are universal approximators, Neural networks vol 2 p.359-366, 1989
- Hosaka A. Tanigushi M. Ueki S. Kurami K. Hattori A. Yamada K. Steering control of an autonomous vehicle using a fuzzy logic controller Rapport Nissan, 1989
- Ishigashi H. Shirai T. Nagasajka K. Miyoshi T. Neuro-fuzzy ID3 : a method of inducing fuzzy decision trees with linear programming for maximizing entropy and an algebraic method for incremental learning, FSS vol 81 p.157-167, 1996
- Jeffrey R. Probable knowledge, The problem of inductive logic, Ed. Lakatos North Holland, 1968
- Kacprzyk Hybrid genetic algorithms, Int. Journal of intelligent systems vol 11 n°8, 1996
- Kamada H. Yoshida M. A visual control system using image processing and fuzzy system IEEE round table discussion on vision-based vehicule guidance Tokyo 1990
- Kameyana M. Higushi T. Multiple valued logic and special purpose processors : overview and future, Proc. of the 12th Int. symposium on multiple valued logic p.289-292, 1982
- Kaufmann A. Introduction à la théorie des sous ensembles flous, tome 1, Masson, 1973
- Kaufmann A. Introduction à la théorie des sous ensembles flous, tome 3, Masson, 1977
- Kelman A. Optimisation floue de trajectoires, préparation de missions aériennes. Actes des journées "Applications des ensembles flous" Nîmes p.137-144 1993
- Kelman A. Yager R.R. Compatibilité et agrégation partielle : méthode de fusion modulaire, Rencontres francophones sur la logique floue et ses applications, Paris, 1995
- Kim H. Dickerson J. Kosko B. Fuzzy throttle and brake control for platoons of smart carts, FSS vol 84 p.209-234, 1996
- Kiszka J. Kochanska M. Sliwinska D. The influence of some parameters on the accuracy of a fuzzy model. Industrial applications of fuzzy control M.Sugeno ed. North Holland p.187, 1985
- Klir C. Folger T. Fuzzy sets, uncertainty and information Prentice Hall 1988
- Kohonen T. Self organization and associative memory, Springer Verlag 1989
- Kohout H. Fuzzy implications and generalized quantifiers, Int. journal of uncertainty and fuzziness, vol 4 n°3, 1996
- Kosko B. Fuzzy systems and neural networks, Prentice Hall 1992
- Kosko B. Fuzzy systems are universal approximators, IEEE conf. p.1153-1162, 1992
- Koza Genetic programming II, MIT Press, 1994
- Krishnakumar K. Micro-genetic algorithms for stationary and non-stationary function optimization, Proc. SPIE International Conf. Adaptive systems Philadelphia, 1989
- Krishnapuram R. Fuzzy clustering methods in computer vision EUFIT p.720-730, 1993
- Krishnapuram R. Frigui H. Nasraoui O. Fuzzy and possibilistic shell clustering algorithms and their application to boundary detection and surface approximation, IEEE Trans. on fuzzy systems vol.3 n°1 p.29-60, 1995

- Krivine J.L. Théorie axiomatique des ensembles, PUF 1972
- Lasseigne R. Rougemont M. Logique et fondements de l'informatique, Hermès 1993
- Léa Sombé Raisonnements sur des informations incomplètes, Revue IA n°2 ou éditions Hermès 1989
- Mac Culoch W.S. Pitts W.H. A logical calculus of the ideas imminent in nervous activity, Bulletin of mathematical biophysics vol 5 p.115-133, 1943
- Mac Dermott Non monotonic logic II, Journal of ACM n°29 p.34-57, 1982
- Mahler P.E. St Clair D. Uncertain reasoning in an ID3 machine learning framework, Proc. of the second IEEE International Conference on fuzzy systems, p.7-12, 1993
- Mamdani E.H. Application of fuzzy algorithms for control of simple dynamic plant, EEE vol 121, 1974
- Mamdani E.H. Gaines Fuzzy reasoning and its applications Academic press p.325, 1981
- Marsala C. Arbres de décision et sous-ensembles flous, Rapport 94/21 Laforia Université Paris VI, 1994
- Marsala C. Bouchon-Meunier B. Fuzzy Partitionning using mathematical morphology in a learning sheme, Fuzz'IEEE 1996
- Martin-Clouaire R. Prade H. 86 SPII-1 A simple inference engine capable of accomodation both imprecision and uncertainty. Computer-assisted decision making (North Holland 86)
- Martin-Löf Constructive mathematics and computer programming, Proc. 6th congress of logic methodology and philosophy of science p.153-175, North Holland, 1982
- Menger K. Statistical metrics, Proc. of the national academy of sciences USA 28, p.535-537, 1942
- Michalski R.S. A theory and methodology of inductive reasoning, Machine Learning vol 1 p.83-134, Morgan Kaufmann 1983
- Milgram M. reconnaissance des formes, méthodes numériques et connexionistes, Armand Colin, 1993
- Miller G. todd P. Hedge S. Designing neural networks using genetic algorithms, 3rd International Conference on GA, Morgan-Kaufmann 1989
- Mizumoto Masaharu Representations of fuzzy connectives FSS 31, 1989
- Monod J. Le hasard et la nécessité, Seuil 1970
- Moore R.C. Semantical considerations on non monotonic logic, IJCAI p272-279, 1983
- Moore R.C. Autoepistemic logic, Non standard logics for automatic reasoning, Ac. Press p.105-136, 1988
- Mukaidono M. Yasui H. Postulates and proposals of fuzzy Prolog EUFIT p.1080-1086, 1994
- Murakami S. Maeda M. Automobile speed control system using a fuzzy logic controller. Industrial applications of fuzzy control M.Sugeno ed. North Holland p.105, 1985
- Mustawi M.T. On the training of radial basis function classifiers, Neural networks, vol.5 p.595-605, 1992
- Nascimento S. Moura-Pirès F. A genetic fuzzy C-means algorithm, Proc. IPMU p.745-750, 1996
- Neapolitan R. Probabilistic reasoning in expert systems, Wiley, 1990
- Nguyen H.T. KreinovitchV. On approximation of fuzzy controls by fuzzy systems IFSA p.1414-1417, 1993
- Nguyen H.T. Sugeno Tong Yager R.R. Theoretical aspects of fuzzy control, Wiley 1995
- Nozaki K. ishibushi H. Tanaka H. A simple but powerful heuristic method for generating fuzzy rules from numerical data, FSS vol 86 p.251-270, 1997
- OFTA Logique floue (ouvrage collectif) Masson 1994
- O'Hagan M. Using maximum entropy-ordered weighted averaging to construct a fuzzy neuron, Proc. 24th IEEE conf. on signals, systems and computers, p.618-623, 1990
- Oussalah M. Maaref H. Barret C. Kalman filter and possibility theory for the localization of a mobile robot, EUFIT p.1650-1655, 1996

- Pavelka J. On fuzzy logic, Zeitschr. fundamental mathematical logik und grundlagen des math. n°25, 1979
- Pawlak Z. Rough sets, International journal of information and computer sciences vol 11 p. 341-356, 1982
- Pawlak Z. Rough sets, Theoretical aspects of reasoning about data, Warsaw University of Technology, 1990
- Pearl J. Probabilistic reasoning in intelligent systems, Morgan Kaufmann eds, 1988
- Pearl J. Heuristics, Addison Wesley 1985, trad. chez Hermès 1996
- Perny P. Modélisation, agrégation et exploitation de préférences floues dans une problématique de rangement, Thèse Paris Dauphine 1992
- Person P. Les réseaux bayésiens : un nouvel outil de l'intelligence artificielle, Thèse, Université Paris VI, 1991
- Picques J.D. Uncertainty management system for embedded applications IPMU p.336-341, 1994
- Pivert O. Contribution à l'interrogation flexible de bases de données : expression et évaluation de requêtes floues. Thèse Univ. Rennes I, 1991
- Quinlan J.R. Induction of decision trees, Machine learning vol.1, 1986
- Ralescu A. Bouchon-Meunier B. Ralescu D. Combining fuzzy quantifiers, Fuzzy logic for the applications to complex systems, World Scientific p.246-252, 1995
- Ramdani Système d'induction formelle à base de connaissances imprécises, Thèse Univ. Paris VI 1994
- Rao M. Prahad V. A tunable fuzzy logic controller for vehicle-active suspension systems, FSS vol 85 p.11-21, 1997
- Reiter R. A logic for default reasoning, Artificial Intelligence n°3 Bobrow ed. 1980
- Renhou L. Yi Z. Fuzzy logic controller based on genetic algorithm, FSS 83 p.1-10, 1996
- Rescher N. Many-valued logic, Mac Graw Hill, 1966
- Rifqi M. Mesures de similitude et leur agrégation, Rencontres francophones sur la logique floue et ses applications, Paris, 1995
- Robert L.Jani Y. Fuzzy logic in autonomous orbital operations, International Journal of Approximate reasoning, p.151-184, 1992
- Rosenblatt F. The perceptron : a probabilistic model for information storage and organization in the brain, Psychological review vol. 65 p.386-408, 1958
- Rumelhart D. Jordan M.I. Internal world models and supervised learning, Proceedings of the eight international workshop on machine learning p.70-74, 1991
- Ruspini E. H. A new approach to clustering, Information Control 15 p.22-32, 1969
- Ruspini E. Numerical methods for fuzzy clustering, Information Sciences 2 p319-350, 1970
- Sanchez E. Equation de relations floues Thèse de biologie humaine Faculté de médecine de Marseille, 1974
- Sanchez E. Logique floue et réseaux neuronaux en intelligence artificielle et reconnaissances des formes, Science Technique Technologie n°19 1991
- Schmitt M. Mattioli J. Morphologie mathématique, Masson 1994
- Schulte C.M. Genetic algorithm for prototype based fuzzy clustering EUFIT p.913-921, 1994
- Schwefel H.P. Numerical Optimization of computer models, J.Wiley 1981
- Schwefel H.P. Systems analysis, systems design and evolutionary strategies, System analysis, Modeling and Simulation vol.7 p.853-864, 1990
- Schwefel H.P. Evolution and optimum seeking. Sixth generation computer technology series. Wiley, 1995
- Schweitzer B. Sklar A. Probabilistiv metric spaces, North Holland 1983
- Shafer G. A mathematical theory of evidence Princeton university press, 1976
- Shafer G. The art of causal conjecture, MIT Press, 1996
- Shahin A. Demko C. Coisne D. Extraction floue de paramètres sur des images, influence du nombre de régions et du choix des opérateurs triangulaires, Actes LFA p. 9-16, 1995

- Siler W. Ying H. Fuzzy control theory : the linear case FSS n°33 p.275, 1989
 Simon J.C. La reconnaissance des formes par algorithmes, Masson 1985
 Simon C. Levrat E. Brémont J. Sabourin R. Codage d'images de signatures manuscrites pour la vérification hors ligne, Rencontres francophones sur la logique floue et ses applications p.23-30 Cépaduès 1996
 Smets P. Probability of fuzzy event : an axiomatic approach FSS n°7, 1982
 Smets P. Decisions and belief functions, Rap. techn. 90-10 Institut de rech. interdisciplinaires et de dév. en IA Univ. libre de Bruxelles, 1990
 Smets P. Mamdani E.H. Dubois D. Prade H. Non-standard logics for automated reasonning, Academic Press p.253-286, 1988
 Smets P. Constructing the pignistic probability function in a context of uncertainty, Uncertainty and Artificial Intelligence vol 5 p.29-39 North Holland 1990
 Sugeno Theory of fuzzy integrals and its applications, Doct.thesis Tokyo inst. of tech. 1974
 Sugeno M. An introductory survey of fuzzy control. Information and science n°36 p.59, 1985
 Sugeno M. Murakami K. An experimental study on fuzzy parking control using a model car FSS n° 32 p.207 1989
 Sugeno M. Nishida N. Fuzzy control of model car FSS n°16 p.103, 1985
 Sugeno M. Murohushi T. Nishino J. Miwa H. Helicopter flight control based on fuzzy logic, Proc. of fuzzy engineering towards human friendly systems IEEE, 1991
 Sugeno M. Gyei-Kark Park An approach to linguistic instruction based learning, Uncertainty fuzzyness and knowledge based systems vol 1 p.19-56, 1993
 Terano T. Asai K. Sugeno M. Fuzzy systems theory and its applications, Academic Press 1991
 Tong R.M. A retrospective view of fuzzy control systems FSS n°14 p.199, 1984
 Tong Tong J.R. Logique floue, Hermès 1995
 Turksen I.B. Four methods of approximate reasoning with interval-valued fuzzy sets, in International journal of approximate reasoning vol.3, 1989
 Valenzuela-Rendòn M. The fuzzy classifier system, a classifier system for continuous varying variables, Belew and Booker p.346-353, 1991
 Vincent N. Dujet C. Modus ponens and inference in control IPMU p.102-107, 1994
 Wang L. X. A course in fuzzy systems and control, Prentice Hall, 1997
 Watkins C. Q-learning, technical note, Machine learning vol.8 p.279-292, 1992
 Willaeys D. Malvache N. Contribution of the fuzzy sets theory and applications. Gupta Ragade ed. North Holland, 1979
 Willaeys D. Malvache N. Hammad Utilization of fuzzy sets for system modelling and control. IEEE Conference Decision and Control New Orleans, 1977
 Yager R.R. On general class of fuzzy connectives, in Fuzzy Sets and Systems n°4, 1980
 Yager R.R. Reasoning with uncertainty for expert systems Prc. of the 9° conf. IJCAI Los Angeles, 1985
 Yager R. "Hierarchical representation of fuzzy if-then rules" Proce. IPMU Conference Mallorca 1992
 Yager R. On structures for fuzzy modeling and control, Technical report MII 1213 Iona College 1992
 Yager R.R. Entropy and specificity in a mathematical theory of evidence, Int. Journal general Systems n°9 p.249-260, 1993
 Yager R.R. Filev D.P. Including probabilistic uncertainty in fuzzy logic controller modeling using Dempster-Shafer theory, IEEE Trans., Man and Cybernetics 25 p.3-28, 1995
 Yagishita O. Itoh O. Sugeno M. Applications of fuzzy reasoning to water purification process. Industrial applications of fuzzy control M.Sugeno ed. North Holland, 1985
 Yamakawa T. High speed fuzzy controller hardware system : the mega FIPS machine. Information and science n°45 p.113, 1988

- Yamakawa T. Stabilization of an inverted pendulum by a high speed fuzzy controller hardware system . FSS n° 32 p.161-180, 1989
- Yamakawa T. Uchino E. Miki T. Kusagani O. A neofuzzy neuron model and its applications to systems identification and prediction of system behavior, Proc. of the 2nd conf. on fuzzy logic and neural networks p.477-483, 1992
- Yasunobu S. Miyamoto S. Automatic train operation system by predictive fuzzy control. Industrial applications of fuzzy control M.Sugeno ed. North Holland 1985
- Yuan Y. Zhuang H. A genetic algorithm for generating fuzzy classification rules, FSS vol 84 p.1-19, 1996
- Zadeh L.A. Fuzzy sets Information and control n°8 p.338-353, 1965
- Zadeh L.A. Outline of a new approach to the analysis of complex systems and decision processes IEEE Trans system Man Cybernetic n°1 p.28-44, 1973
- Zadeh L.A. Fuzzy sets as a basis for a theory of possibility FSS n°1 p.3-28, 1978
- Zadeh L.A. PRUF Possibilistic relational universal fuzzy : A meaning representation language for natural languages, Int. journal of man-machine studies n°10 p.395-460, 1978
- Zadeh L.A. A theory of approximate reasoning machine intelligence n°9 p.149-194, 1979
- Zadeh L.A. The concept of linguistic variable and its application to approximate reasoning, Fuzzy sets and applications : selected papers p.219-327, Wiley 1987
- Zalila Z. Contrôle longitudinal d'un véhicule autonome par régulateur hybride flou classique, IJMU p.478-484, 1994
- Zalila Z. Système copilote flou pour le contrôle transversal d'un véhicule automobile, Rencontres francophones sur la logique floue et ses applications p.277-285, 1996
- Zimmermann H.J. Fuzzy set theory and its applications, Kluwer academic publishers, 1991