

## CV

---

**Name: Prof.** Cengiz Kahraman

**Birth Date:** 17.02.1965

Prof. Kahraman is a full professor at Istanbul Technical University. His research areas are engineering economics, quality control and management, statistical decision making, multicriteria decision making, and fuzzy decision making. He published about 170 journal papers and about 120 conference papers. He became the guest editors of many international journals and the editor of many international books from Springer and Atlantis Press. He is the member of editorial boards of 20 international journals. He organized various conferences such as FLINS, RACR, FSSCMIE, etc. He was the vice dean of ITU Management Faculty between 2004-2007 and the head of ITU Industrial Engineering Department between 2010-2013.

### International journal publications

1. Cengiz Kahraman, Sezi Çevik Onar, Başar Öztayşi, FUZZY MULTICRITERIA DECISION-MAKING: A LITERATURE REVIEW, International Journal of Computational Intelligence Systems, Volume 8, Issue 4, pp. 637-666, 2015.
2. Mesut Yavuz, Sezi Cevik, Basar Oztaysi, Cengiz Kahraman, Multi-criteria Evaluation of Alternative-Fuel Vehicles via a Hierarchical Hesitant Fuzzy Linguistic Model, Expert Systems With Applications, Volume 42, Issue 5, 1 April 2015, Pages 2835–2848.
3. Asli Suder & Cengiz Kahraman (2015) Minimizing Environmental Risks Using Fuzzy TOPSIS: Location Selection for the ITU Faculty of Management, Human and Ecological Risk Assessment: An International Journal, 21:5, 1326-1340, DOI: 10.1080/10807039.2014.955395
4. Cengiz Kahraman (2015) Preface to a Special Issue on Intelligent Systems and Decision-Making for Risk Analysis and Crisis Response, Human and Ecological Risk Assessment: An International Journal, 21:5, 1147-1151, DOI: 10.1080/10807039.2014.955380
5. Cengiz Kahraman, Uncertainty Modeling and Analytics in Knowledge Engineering, Preface, Knowledge- Based Systems, Vol.70 , pp. 1-2, 2014.
6. Ahmet C. Kutlu, Hulya Behret and Cengiz Kahraman, A Fuzzy Inference System for Multiple Criteria Job Evaluation Using Fuzzy AHP, Journal of Multiple-Valued Logic and Soft Computing, Volume 23, Number 1-2, pp. 113-133, 2014.
7. Sevil Şentürk, Nihal Erginel, İhsan Kaya, Cengiz Kahraman, FUZZY EXPONENTIALLY WEIGHTED MOVING AVERAGE CONTROL CHART FOR UNIVARIATE DATA WITH A REAL CASE APPLICATION, Applied Soft Computing, Vol.22, pp. 1-10, 2014.
8. Zahir Irani, Muhammad Kamal, Cengiz Kahraman, Basar Oztaysi, Ozgur Kabak and Irem Ucal Sari, (2014), Uncertainty Modelling in IM, "Editorial", Journal of Enterprise Information Management, Vol. 27, Iss: 3.
9. Cengiz Kahraman, Farouk Yalaoui, Preface: A Special Issue on Uncertainty Modeling in Knowledge Engineering and Decision Making, J. of Mult.-Valued Logic & Soft Computing, Vol. 22, Issue 4-6, pp. 341–345, 2014.

10. İhsan Kaya & Cengiz Kahraman (2014) A comparison of fuzzy multicriteria decision making methods for intelligent building assessment, *Journal of Civil Engineering and Management*, 20:1, 59-69.
11. Basar Oztaysi, Seda Yanik Ugurlu and Cengiz Kahraman, "FORECASTING PASSENGER VOLUMES IN TRANSIT SYSTEMS USING SUPPORT VECTOR MACHINES: THE CASE OF ISTANBUL" , *Journal of Multiple valued logic and soft computing*, accepted, 2014.
12. Cengiz Kahraman, Başar Öztaysi, İrem Uçal Sarı, Ebru Turanoğlu, FUZZY ANALYTIC HIERARCHY PROCESS WITH INTERVAL TYPE 2 FUZZY SETS, *Knowledge Based Systems*, Vol. 59, pp. 48-57, 2014.
13. Başar Öztaysi, Sezi çevik Onar, Cengiz kahraman, *Strategic decision selection using hesitant fuzzy TOPSIS and interval type-2 fuzzy AHP: A case study*, accepted, *International Journal of Computational Intelligence Systems*, Volume 7, Issue 5, pages 1002-1021, 2014.
14. Selçuk Çebi, Cengiz Kahraman, Design evaluation model for display designs of automobiles, *Journal of Intelligent & Fuzzy Systems*, Vol. 26, No. 2, 2014, pp: 961-973, (DOI: 10.3233/IFS-130787)
15. Özlem Coşgun, Ufuk Kula, Cengiz Kahraman, Analysis of Cross-price Effects on Markdown Policies by using Function Approximation Techniques, *Knowledge-Based Systems*, Volume 53, November 2013, Pages 173–184.
16. Aslı Süder, Cengiz Kahraman, Multicriteria Analysis of Technological Innovation Investments Using Fuzzy Sets, *Technological and Economic Development of Economy*, accepted, 2015.
17. Ahmet Can Kutlu, Mehmet Ekmekcioglu and Cengiz Kahraman, A fuzzy multi-criteria approach to point-factor method for job evaluation, *Journal of Intelligent & Fuzzy Systems* 25 (2013) 659–671.
18. Çağrı Tolga, Fatih Tüysüz, Cengiz Kahraman, A Fuzzy Multi-Criteria Decision Analysis Approach For Retail Location Selection, *International Journal of Information Technology & Decision Making*, Vol. 12, No. 4 (2013) 729-755.
19. Özlem Şenvar, Cengiz Kahraman, Type-2 Fuzzy Process Capability Indices for Non-Normal Processes, *Journal of Intelligent and Fuzzy Systems*, accepted paper, Volume 27, Number 2 / 2014, pp. 769-781.
20. Ömer Atlı, Cengiz Kahraman, Resource-Constrained Project Scheduling Problem with Multiple Execution Modes and Fuzzy/Crisp Activity Durations, *Journal of Intelligent and Fuzzy Systems*, Vol. 26, pp. 2001-2020, 2014.
21. Serhad Aydın, Cengiz Kahraman, VEHICLE SELECTION FOR PUBLIC TRANSPORTATION USING AN INTEGRATED MULTI CRITERIA DECISION MAKING APPROACH: THE CASE OF ANKARA, *Journal of Fuzzy and Intelligent Systems*, Volume 26, Number 5 / 2014, pp. 2467-2481.
22. Özlem Şenvar, Cengiz Kahraman, FUZZY PROCESS CAPABILITY INDICES USING CLEMENTS' METHOD FOR NON-NORMAL PROCESSES, *Journal of Multiple ValueLogic and Soft Computing*, Vol. 22, No. 1-2, pp. 95-121, 2014.
23. Senem Kursun Bahadır, Selcuk Cebi, Cengiz Kahraman, Fatma Kalaoglu, Developing a Smart Clothing System for Blinds Based on Information Axiom, *International Journal of Computational Intelligence Systems*, Volume 6, Issue 2, pages 279-292, 2013.
24. M. Emin Baysal, İhsan Kaya, Cengiz Kahraman, Ahmet Sarucan, Orhan Engin, A TWO PHASED FUZZY METHODOLOGY FOR SELECTION AMONG

- MUNICIPAL PROJECTS, Technological and Economic Development of Economy, Volume 21, Issue 3, pages 405-422, 2015.
25. Ebru Turanoglu, Ozlem Senvar, Cengiz Kahraman, Oil Consumption Forecasting in Turkey using Artificial Neural Network, International Journal of Energy Optimization and Engineering, Vol. 1, No. 4, pp.89-105, 2012.
  26. Cengiz Kahraman, Aslı Süder, Selçuk Çebi, Fuzzy Multicriteria and Multiexperts Evaluation of Government Investments in Higher Education: the Case of Turkey, Technological and Economic Development of Economy, Volume 19, Issue 4, pages 549-569, 2013.
  27. Cengiz Kahraman, Asli Suder & Ebru Turanoglu Bekar (2015): Fuzzy multiattribute consumer choice among health insurance options, Technological and Economic Development of Economy, DOI: 10.3846/20294913.2014.984252.
  28. Cengiz Kahraman, Aslı Süder & İhsan Kaya (2014) Fuzzy multicriteria evaluation of health research investments, Technological and Economic Development of Economy, 20:2, 210-226, DOI: 10.3846/20294913.2013.876560
  29. Serhat Aydin, Cengiz Kahraman, İhsan Kaya, A new fuzzy multicriteria decision making approach: An application for European Quality Award assessment, Knowledge Based Systems, Vol. 32, Pages 37-46, August 2012.
  30. Ozlem Cosgun, Ufuk Kula, Cengiz Kahraman, Markdown Optimization via Approximate Dynamic Programming, International Journal of Computational Intelligence Systems, accepted paper, Vol. 6, No.1, pp. 64-78, 2013.
  31. Ömer Atlı, Cengiz kahraman, Fuzzy Resource Constrained Project Scheduling Using Taboo Search Algorithm, INTERNATIONAL JOURNAL OF INTELLIGENT SYSTEMS, Vol. 27, No. 10, pp. 873-907, 2012.
  32. IREM UCAL SARI, HÜLYA BEHRET, CENGİZ KAHRAMAN, RISK GOVERNANCE OF URBAN RAIL SYSTEMS USING FUZZY AHP: THE CASE OF ISTANBUL, International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems (IJUFKS), Vol. 20, Suppl. 1 (June 2012) 67-79.
  33. İhsan Kaya, Başar Öztayşi, Cengiz Kahraman, A TWO-PHASED FUZZY MULTICRITERIA SELECTION AMONG PUBLIC TRANSPORTATION INVESTMENTS FOR POLICY-MAKING AND RISK GOVERNANCE, International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems, Vol. 20, Suppl. 1 (June 2012) 31-48.
  34. Ömer Atlı, Cengiz Kahraman, Aircraft Maintenance Planning Using Fuzzy Critical Path Analysis, International Journal of Computational Intelligence Systems, Vol. 5, No. 3 (June, 2012), 553-567.
  35. Ayse Orbay Kaya, Tolga Kaya, Cengiz Kahraman, A FUZZY APPROACH TO URBAN ECOTOURISM SITE SELECTION BASED ON AN INTEGRATED PROMETHEE III METHODOLOGY, Journal of Multiple-Valued Logic & Soft Computing, pp. 89-111, Vol. 21, no. 1-2, 2014.
  36. Hülya Behret, İrem Uçal and Cengiz Kahraman, Multicriteria Evaluation of Environmentally Conscious Manufacturers Under Fuzzy Environment, Journal of Multiple-Valued Logic & Soft Computing, Vol. 18, Issue 5-6, pp. 441-443, 2012.
  37. Cengiz Kahraman, Fuzzy Modeling and Decision Making in Engineering, Editorial, Journal of Multiple-Valued Logic & Soft Computing, Vol. 18, Issue 5-6, pp. 441-443, 2012.
  38. Cengiz Kahraman, Ihsan Kaya, A FUZZY MULTIPLE ATTRIBUTE UTILITY MODEL FOR INTELLIGENT BUILDING ASSESSMENT, Journal of Civil Engineering and Management, 2012 Volume 18(6): 811-820.

39. Ebru Turanoğlu, İhsan Kaya, Cengiz Kahraman, FUZZY ACCEPTANCE SAMPLING AND CHARACTERISTIC CURVES, International Journal of Computational Intelligence Systems, Vol. 5, No. 1 (February, 2012), 13-29.
40. IJEOE, Guest Editor, Volume 1, Issue 4, 2012
41. Da Ruan, Cengiz Kahraman, Modern tools of industrial engineering, Preface, Guest Editorial, International Journal of Applied Management Science, Vol. 4, no. 4, pp. 345-348, 2012.
42. Serhad Aydın, Cengiz Kahraman, Evaluation of E-commerce Website Quality Using Fuzzy Multi-criteria Decision Making Approach, IAENG International Journal of Computer Science, Volume 39 Issue 1, Pages 64-70, 2012.
43. HÜLYA BEHRET, CENGİZ KAHRAMAN, **Single-Period Inventory Models with Discrete Demand Under Fuzzy Environment**, **Journal of Multiple-Valued Logic and Soft Computing**, **Volume 18, Number 3-4, p. 371-386, 2012.**
44. Tijen Ertay, Cengiz Kahraman, İhsan Kaya, EVALUATION OF RENEWABLE ENERGY ALTERNATIVES USING MACBETH AND FUZZY AHP MULTICRITERIA METHODS: THE CASE OF TURKEY, Technological and Economic Development of Economy, No 1, Vol 19, pp. 38-62, 2013.
45. Cengiz Kahraman, İhsan Kaya, and Ozlem Senvar, Healthcare Failure Mode and Effects Analysis under Fuzziness, International Journal of Human and Ecological Risk Assessment, vol.19, no.2, pp.538-552, 2013.
46. Serhat Aydın, Cengiz Kahraman, A New Fuzzy Analytic Hierarchy Process and Its Application to Vendor Selection Problem, Multiple Valued Logic and Soft Computing, p. 353-371, Volume 20, Number 3-4, 2013.
47. Ömer Atlı, Cengiz Kahraman, Minslack and Kangaroo Algorithms for Fuzzy Project Scheduling Problems, Multiple Valued Logic and Soft Computing, Volume 20, Number 1-2, p. 189-219, 2013.
48. Turan Paksoy Nimet Yapici Pehlivan, Cengiz Kahraman, ORGANIZATIONAL STRATEGY DEVELOPMENT IN DISTRIBUTION CHANNEL MANAGEMENT USING FUZZY AHP AND HIERARCHICAL FUZZY TOPSIS, Expert Systems With Applications, Vol.39, No.3, pp. 2822-2841, 2012.
49. Mehmet Ekmekcioglu, Ahmet Can Kutlu, Cengiz Kahraman, **A Fuzzy Multi-Criteria SWOT Analysis: An Application** to Nuclear Power Plant Site Selection, International Journal of Computational Intelligence Systems, Pages 583 – 595, Volume 4, Issue 4, June 2011.
50. Cengiz Kahraman, Intelligence information management, Guest Editorial, Journal of Enterprise Information Management, Vol. 24, No. 4, pp. 308, 2011.
51. Cengiz Kahraman, İhsan Kaya, Emre Çevikcan, Intelligence decision systems in enterprise information management, Journal of Enterprise Information Management, Vol. 24 No. 4, pp. 360-379, 2011.
52. Neşe Yalçın Seçme, Ali Bayrakdaroglu, Cengiz Kahraman, Application of fuzzy multi-criteria decision making methods for financial performance evaluation of Turkish

- manufacturing industries, *Expert Systems With Applications*, Volume 39, Issue 1, January 2012, Pages 350-364.
53. İhsan Kaya, Cengiz Kahraman, FUZZY PROCESS CAPABILITY INDICES WITH ASYMMETRIC TOLERANCES, *Expert Systems With Applications*, Volume 38, Issue 12, November-December 2011, Pages 14882-14890.
  54. Cengiz Kahraman, Fuzzy Decision Making in Risk Management, *Journal of Multiple-Valued Logic and Soft Computing*, Volume 17, Number 4, p. 289-292, 2011.
  55. Nihal Erginel, Sevil Şentürk, Cengiz Kahraman, İhsan Kaya, Evaluating the Packing Process in Food Industry Using Fuzzy X-bar and S Control Charts, *International Journal of Computational Intelligence Systems*, Vol. 4, No. 4, 509-520, 2011.
  56. Seda Uğurlu and Cengiz Kahraman, Fuzzy Multicriteria Risk Assessment for Hazardous Waste Management: The Case of Istanbul”, *Journal of Risk analysis and Crisis Response*, Vol.1, No.1, pp.29-41, 2011.
  57. Tolga Kaya, Cengiz Kahraman, A FUZZY APPROACH TO E-BANKING WEBSITE QUALITY ASSESSMENT BASED ON AN INTEGRATED AHP-ELECTRE METHOD, *Technological and Economic Development of Economy*, Volume 17, Issue 2, 2011, pages 313-334, 2011.
  58. Selçuk Çebi, Cengiz Kahraman, Using Multi Attribute Choquet Integral for the Site Selection of Wind Energy Plants: The Case of Turkey, *Multiple Valued Logic and Soft Computing*, Vol. 20, No. 5-6, pp. 423-443, 2013.
  59. İhsan Kaya, Cengiz Kahraman, PROCESS CAPABILITY ANALYSES WITH FUZZY PARAMETERS, *Expert Systems with Applications*, Volume 38, Issue 9, September 2011, Pages 11918-11927.
  60. Ferhan Çebi, Cengiz Kahraman, SINGLE AND MULTIPLE ATTRIBUTE FUZZY PARETO MODELS, *Multiple Valued Logic and Soft Computing*, Vol. 19, No. 5-6, p. 565-590, 2012.
  61. **Cengiz Kahraman**, Investment decision making under fuzziness, *Journal of Enterprise Information Management*, Vol. 24 No. 2, 126 – 129, 2011.
  62. Başar Öztayşi, Tolga Kaya, **Cengiz Kahraman**, PERFORMANCE COMPARISON BASED ON CUSTOMER RELATIONSHIP MANAGEMENT USING ANALYTIC NETWORK PROCESS, *Expert Systems With Applications*, Volume 38, Issue 8, Pages 9788-9798, 2011.
  63. Tolga kaya, **Cengiz Kahraman**, AN INTEGRATED FUZZY AHP-ELECTRE METHODOLOGY FOR ENVIRONMENTAL IMPACT ASSESSMENT, *Expert Systems With Applications*, Volume 38, Issue 7, 2011, Pages 8553-8562.
  64. Tolga kaya, **Cengiz Kahraman**, FUZZY MULTIPLE CRITERIA FORESTRY DECISION MAKING BASED ON AN INTEGRATED VIKOR & AHP APPROACH, *Expert Systems With Applications*, Volume 38, Issue 6, Pages 7326-7333, 2011.

65. Hülya Behret, **Cengiz Kahraman**, A MULTI-PERIOD NEWSVENDOR PROBLEM WITH PRE-SEASON EXTENSION UNDER FUZZY DEMAND, *Journal of Business Economics and Management*, Vol. 11, No. 4, 613-629, 2010.
66. Tolga Kaya, **Cengiz Kahraman**, MULTICRITERIA DECISION MAKING IN ENERGY PLANNING USING A MODIFIED FUZZY TOPSIS METHODOLOGY, *Expert Systems with Applications*, Volume 38, Issue 6, June 2011, 6577-6585, 2011.
67. Selçuk Cebi, **Cengiz Kahraman**, İhsan Kaya, Renewable Energy System Selection Based On Computing With Words, *International Journal of Computational Intelligence Systems*, Vol. 3, No. 4, Pages 461 – 473, 2010.
68. Selçuk Perçin, **Cengiz Kahraman**, An Integrated Multi-Criteria Decision-Making Approach for Six Sigma Project Selection, *International Journal of Computational Intelligence Systems*, Vol.3, No. 5 , 2010, 610-621.
69. İhsan Kaya, **Cengiz Kahraman**, PROCESS CAPABILITY ANALYSES BASED ON FUZZY MEASUREMENTS AND FUZZY CONTROL CHARTS, *Expert Systems with Applications*, Volume 38, Issue 4, 2011, Pages 3172-3184.
70. İhsan Kaya, **Cengiz Kahraman**, A New Tool for Risk Assessment of Air Pollution: Fuzzy Process Capability Indices, *International Journal of Human and Ecological Risk Assessment*, Vol. 17, No. 3, pp. 613-630, 2011.
71. İrini Dimitriyadis, **Cengiz Kahraman**, A Primer in Understanding Retirement Planning with Fuzzy Mathematics, Multiple Valued Logic and Soft Computing, Volume 18, Number 3-4, p. 267-289, 2012.
72. Osman Kulak, Selçuk Çebi, **Cengiz Kahraman**, Applications of Axiomatic Design Principles: A literature Review, *Expert Systems with Applications*, Volume 37, Issue 9, 2010, Pages 6705-6717.
73. Serhad Aydın, **Cengiz Kahraman**, Multiattribute Supplier Selection Using Fuzzy Analytic Hierarchy Process, *International Journal of Computational Intelligence Systems*, Vol. 3, No. 5, Pages 553 - 565, 2010.
74. **Cengiz Kahraman**, Orhan Engin, İhsan Kaya, R. Elif Öztürk, Multiprocessor task scheduling in multistage hybrid flow-shops: A parallel greedy algorithm approach, *Applied Soft Computing*, Volume 10, Issue 4, September 2010, Pages 1293-1300.
75. Sevil Şentürk, Nihal Erginel, İhsan Kaya, **Cengiz Kahraman**, [Design of Fuzzy  \$\tilde{u}\$  Control Charts](#), *Journal of Multiple Valued Logic and Soft Computing*, Vol. 17, No. 5-6, pp.459-473, 2011.
76. Tolga Kaya, **Cengiz Kahraman**, [MULTICRITERIA RENEWABLE ENERGY PLANNING USING AN INTEGRATED FUZZY VIKOR & AHP METHODOLOGY: THE CASE OF ISTANBUL](#), *Energy*, Volume 35, Issue 6, 2010, Pages 2517-2527.

77. Mehmet Ekmekçioğlu, Tolga Kaya, **Cengiz Kahraman**, [FUZZY MULTICRITERIA DISPOSAL METHOD AND SITE SELECTION FOR MUNICIPAL SOLID WASTE](#), *Waste Management*, Volume 30, Issues 8-9, 2010, Pages 1729-1736.
78. Selçuk Çebi, **Cengiz Kahraman**, [Indicator design for passenger car using fuzzy axiomatic design principles](#), *Expert Systems with Applications*, Volume 37, Issue 9, 2010, Pages 6470-6481.
79. **Cengiz Kahraman**, Ihsan Kaya, [A Fuzzy Multicriteria Methodology for Selection Among Energy Alternatives](#), *Expert Systems with Applications*, Volume 37, Issue 9, 2010, Pages 6270-6281.
80. Ihsan Kaya, **Cengiz Kahraman**, [Fuzzy Process Capability Analyses with Fuzzy Normal Distribution](#), *Expert Systems with Applications*, Volume 37, Issue 7, 2010, Pages 5390-5403.
81. Cebi, S. and **Kahraman, C.** [Fuzzy multicriteria group decision making for real estate investments](#). Proc. IMechE, Part I: J. Systems and Control Engineering, 2010, 224 (4), 457-470.
82. Selçuk Cebi, Metin Celik, and **Cengiz Kahraman**, [An axiomatic decision aid for marine equipment selection in ship machinery design and installation projects](#), *Journal of Multiple-Valued Logic & Soft Computing*, Volume 18, Number 3-4, p. 223-245, 2012.
83. **Cengiz Kahraman**, Selçuk Cebi, Ihsan Kaya, [Selection among Renewable Energy Alternatives Using Fuzzy Axiomatic Design: The Case of Turkey](#), *Journal of Universal Computer Sciences*, Vol. 16, No.1, pp. 82-102, 2010.
84. Selçuk Çebi, **Cengiz Kahraman**, [Determining Design Characteristics of Automobile Seats Based on Fuzzy Axiomatic Design Principles](#), *International Journal of Computational Intelligence Systems*, Vol. 3, No.1, pp.43-55, 2010.
85. İhsan Kaya, **Cengiz Kahraman**, [A New Perspective on Fuzzy Process Capability Indices: Robustness](#), *Expert Systems with Applications*, 37 (6): 4593–4600, 2010.
86. **Cengiz Kahraman**, Ihsan Kaya, [Investment Analyses using Fuzzy Probability Concept](#), *Technological and Economic Development of Economy (SSCI)*, 16(1):43-57, 2010.
87. Fatih Tüysüz, **Cengiz Kahraman**, [Modeling a Flexible Manufacturing Cell Using Stochastic Petri Nets with Fuzzy Parameters](#), *Expert Systems with Applications*, 37(5):3910-3920, 2010.
88. Tufan Demirel, Nihan Çetin Demirel, **Cengiz Kahraman**, [Multi-criteria warehouse location selection using Choquet integral](#), *Expert Systems With Applications*, 37(5):3943-3952, 2010.
89. Selçuk Cebi, Metin Celik, **Cengiz Kahraman**, [Structuring ship design project approval mechanism towards installation of operator-system interfaces via fuzzy axiomatic design principles](#), *Information Sciences*, 180(6):886-895, 2010.

90. Gülfem Tuzkaya, Bahadır Gülsün, **Cengiz Kahraman**, Doğan Özgen, [An Integrated Fuzzy Multi-Criteria Decision Making Methodology For Material Handling Equipment Selection Problem And An Application](#), Expert Systems with Applications, 37 (2010) 2853–2863.
91. A. Çağrı Tolga, **Cengiz Kahraman**, Murat Levent Demircan, [A Comparative Fuzzy Real Options Valuation Model using Trinomial Lattice and Black–Scholes Approaches: A Call Center Application](#), Journal of Multiple-Valued Logic & Soft Computing, 16(1-2)135-154, 2010.
92. Selçuk Cebi, **Cengiz Kahraman**, [Extension of Axiomatic Design Principles Under Fuzzy Environment](#), Expert Systems With Applications, 37 (2010) 2682–2689.
93. **Cengiz Kahraman**, Orhan Engin, Mustafa Kerim Yılmaz, [A New Artificial Immune System Algorithm for Multiobjective Fuzzy Flow Shop Problems](#), International Journal of Computational Intelligence Systems, Vol.2, No. 3, 237-248, 2009.
94. **Cengiz Kahraman**, Ahmet Beskese, İhsan Kaya, [Selection Among ERP Outsourcing Alternatives Using A Fuzzy Multicriteria Decision Making Methodology](#), International Journal of Production Research, Volume 48, Issue 2, 2010, Pages 547 – 566.
95. İhsan Kaya, **Cengiz Kahraman**, [Development Of Fuzzy Process Accuracy Index For Decision Making Problems](#), Information Sciences, 180(6):861-872, 2010.
96. İhsan Kaya, **Cengiz Kahraman**, [Air Pollution Control Using Fuzzy Process Capability Indices in Six-Sigma Approach](#), Journal Of Human And Ecological Risk Assessment, Taylor & Francis, 15: 689–713, 2009.
97. **Cengiz Kahraman**, İhsan Kaya, [Fuzzy Process Accuracy Index To Evaluate Risk Assessment Of Drought Effects In Turkey](#), Journal Of Human And Ecological Risk Assessment, Taylor & Francis, 15: 789–810, 2009.
98. İhsan Kaya, **Cengiz Kahraman**, [Fuzzy Robust Process Capability Indices for Risk Assessment of Air Pollution](#), Stochastic Environmental Research and Risk Assessment, Springer, 23,529–541, 2009.
99. **Cengiz Kahraman**, İhsan Kaya, Selçuk Cebi, [A Comparative Analysis For Multiattribute Selection Among Renewable Energy Alternatives Using Fuzzy Axiomatic Design And Fuzzy Analytic Hierarchy Process](#), Energy: The International Journal, 34(10), 1603-1616, 2009.
100. İrem Ucal, **Cengiz Kahraman**, [Fuzzy Real Options Valuation for Oil Investments](#), Journal of Technological and Economic Development of Economy, 15(4), 646-669, 2009.
101. Metin Celik, Selçuk Cebi, **Cengiz Kahraman**, [An Integrated Fuzzy QFD Model Proposal On Routing Of Shipping Investment Decisions In Crude Oil Tanker Market](#), Expert Systems with Applications, 36(3), 6227-6235, 2009.
102. Selçuk Cebi, **Cengiz Kahraman**, [Developing a Group Decision Support System Based on Fuzzy Information Axiom](#), Knowledge-Based Systems, Vol. 23, No. 1, pp. 3-16, 2010.

103. **Cengiz Kahraman**, A. Cagri Tolga, [An Alternative Ranking Approach and Its Usage in Multi-Criteria Decision-Making](#), International Journal of Computational Intelligence Systems, Vol.2, No. 3, 219-236, 2009.
104. **Cengiz Kahraman**, İhsan Kaya, [Fuzzy Process Capability Indices For Quality Control Of Irrigation Water](#), Stochastic Environmental Research and Risk Assessment, 23:451–462, 2009.
105. Metin Celik, **Cengiz Kahraman**, Selcuk Cebi, I. Deha Er, [Fuzzy Axiomatic Design-Based Performance Evaluation Model for Docking Facilities in Shipbuilding Industry: The Case of Turkish Shipyards](#), Expert Systems With Applications, 36(1), 599-615, 2009.
106. **Cengiz Kahraman**, Selcuk Cebi, [A New Multi-Attribute Decision Making Method: Hierarchical Fuzzy Axiomatic Design](#), Expert Systems with Applications 36, 4848–4861, 2009.
107. Esra Bas, **Cengiz Kahraman**, [Fuzzy Capital Rationing Model](#), Journal of Computational and Applied Mathematics, 224(2), 628-645, 2009.
108. Metin Celik, Selcuk Cebi, **Cengiz Kahraman**, Deha Er, [Application Of Axiomatic Design And TOPSIS Methodologies Under Fuzzy Environment For Proposing Competitive Strategies On Turkish Container Ports In Maritime Transportation Network](#), Expert Systems With Applications, 36(3), 4541-4557, 2009.
109. **Cengiz Kahraman**, [Risk Analysis and Crisis Response](#), Guest Editorial, Stochastic Environmental Research and Risk Assessment, Springer, 23, 413–414, 2009.
110. **Cengiz Kahraman**, [Risk Analysis and Crisis Response](#), Guest Editorial, Journal of Human and Ecological Risk Assessment, 15, 651–654, 2009
111. Tugba Efendigil, Semih Onut, **Cengiz Kahraman**, [A Decision Support System For Demand Forecasting With Artificial Neural Networks And Neuro-Fuzzy Models: A Comparative Analysis](#), Expert Systems With Applications, 36(3), 6697-6707, 2009.
112. **Cengiz Kahraman**, Orhan Engin, Özgür Kabak, İhsan Kaya, [Information Systems Outsourcing Decisions Using A Group Decision Making Approach](#), Engineering Applications of Artificial Intelligence, 22, 832–841, 2009.
113. Nese Yalcin Seçme, Ali Bayraktaroglu, **Cengiz Kahraman**, [Fuzzy Performance Evaluation In Turkish Banking Sector Using Analytic Hierarchy Process And TOPSIS](#), Expert Systems with Applications, 36(9), 11699–11709, 2009.
114. **Cengiz Kahraman**, [Introduction: Fuzzy Theory and Technology](#), Guest Editorial, Journal of Multiple Valued Logic and Soft Computing, 15(2-3), 103-105, 2009.
115. Selcuk Cebi, Metin Celik, **Cengiz Kahraman**, [An Expert System Towards Solving Ship Auxiliary Machinery Troubleshooting: Shipamtsolver](#), Expert Systems With Applications, 36(3), 7219-7227, 2009.

116. **Cengiz Kahraman**, Orhan Engin, İhsan Kaya, Mustafa Kerim Yimaz, [An Application Of Effective Genetic Algorithms For Solving Hybrid Flow Shop Scheduling Problems](#), International Journal of Computational Intelligence Systems, 1(2), 134- 147, 2008.
117. **Cengiz Kahraman**, [Fuzzy Decision Making and Soft Computing Applications](#), Guest-Editorial, Journal of Multiple-Valued Logic & Soft Computing, 14(3-5), pp. i-v, 2008.
118. İhsan Kaya, **Cengiz Kahraman**, [Fuzzy Process Capability Analyses: An Application to Teaching Processes](#), Journal of Intelligent and Fuzzy Systems, 19(4-5), 259-272, 2008.
119. **Cengiz Kahraman**, Ziya Ulukan, [Investment Analysis Using Forecasted Cash Flows by Grey and Fuzzy Logics](#), Journal of Multiple-Valued Logic and Soft Computing, 14(6), 579-598, 2008.
120. **Cengiz Kahraman**, Gulcin Buyukozkan, [A Combined Fuzzy AHP and Fuzzy Goal Programming Approach for Effective Six-Sigma Project Selection](#), Journal of Multiple-Valued Logic and Soft Computing, 14(6), 599-615, 2008.
121. Sezgin Kilic, **Cengiz Kahraman**, [Solution Of A Fuzzy Flowshop Scheduling Problem Using A Necessity Measure](#), Journal of Multiple-Valued Logic and Soft Computing, 15(1), pp. 51-64, 2008.
122. A. Cagri Tolga, **Cengiz Kahraman**, [Fuzzy Multiattribute Evaluation Of R&D Projects Using A Real Options Valuation Model](#), International Journal Of Intelligent Systems, 23(11), pp. 1153-1176, 2008.
123. **Cengiz Kahraman**, [Fuzzy Theory and Technology with Applications](#), Guest editorial, Journal of Intelligent and Fuzzy Systems, 19(4-5), 231-233, 2008.
124. **Cengiz Kahraman**, [Fuzzy Set Applications In Industrial Engineering](#), Guest editorial, Information Sciences, 177(7), 1531-1532, 2007.
125. **Cengiz Kahraman**, Nüfer Yasin Ates, Sezi Çevik, Murat Gülbay, S. Ayça Erdogan, [Hierarchical Fuzzy TOPSIS Model For Selection Among Logistics Information Technologies](#), Journal of Enterprise Information Management, 20(2), 143-168, 2007.
126. **Cengiz Kahraman**, Nüfer Yasin Ates, Sezi Çevik, Murat Gülbay, [Fuzzy Multi-Attribute Cost-Benefit Analysis of E-Services](#), International Journal of Intelligent Systems, 22, 547-565, 2007.
127. **Cengiz Kahraman**, Nüfer Yasin Ates, Sezi Çevik, Murat Gülbay, [Fuzzy Multi-Criteria Evaluation Of Industrial Robotic Systems](#), Computers & Industrial Engineering, 52(4), 414-433, 2007.
128. Tijen Ertay, **Cengiz Kahraman**, [Evaluation of Design Requirements Using Fuzzy Outranking Method](#), International Journal Of Intelligent Systems, 22(12), 1229-1250, 2007.

129. **Cengiz Kahraman**, Sezi Çevik, Nufer Yasin Ates, Murat Gulbay, [Fuzzy Multi-Criteria Evaluation Of Industrial Robotic Systems](#), Computers & Industrial Engineering, 52(4), 414-433, 2007.
130. Murat Gülbay, **Cengiz Kahraman**, [An Alternative Approach To Fuzzy Control Charts: Direct Fuzzy Approach](#), Information Sciences, 177(6), 1463-1480, 2007.
131. Ahmet Beskese, Tunç Bozbura, **Cengiz Kahraman**, [Prioritization Of Human Capital Measurement Indicators Using Fuzzy AHP](#), Expert Systems With Applications, 32(4), 1100-1112, 2007.
132. **Cengiz Kahraman**, Sezi Çevik Onar, Orhan Engin, [Location Selection For A Nuclear Power Plant Using An Information Axiom Based Fuzzy Approach](#), International Journal of Nuclear Knowledge Management, 2(4), 422-434, 2007
133. **Cengiz Kahraman**, [Fuzzy Decision-Making Applications](#), Editorial, International Journal of Approximate Reasoning, 44(2), 91-92, 2007.
134. **Cengiz Kahraman**, Nihan Demirel, Tufan Demirel, [E-Government in Turkey: A Swot-AHP Analysis](#), European Journal of Information Systems, 16(3), 284-298, 2007.
135. **Cengiz Kahraman**, [Decision-Making And Management Applications](#), Guest editorial, Journal of Enterprise Information Management, 20(2), 2007.
136. **Cengiz Kahraman**, Gülçin Büyüközkan, Nüfer Yasin Ates, [A Two Phase Multi-Attribute Decision-Making Approach For New Product Introduction](#), Information Sciences, 177(7), 1567-1582, 2007.
137. Fatih Tüysüz, **Cengiz Kahraman**, [Project Risk Evaluation Using Fuzzy Analytic Hierarchy Process: An Application To Information Technology Projects](#), International Journal Of Intelligent Systems, 21, 559-584, 2006.
138. Murat Gulbay, **Cengiz Kahraman**, [Development of Fuzzy Process Control Charts And Fuzzy Unnatural Pattern Analyses](#), Computational Statistics and Data Analysis, 51(1), 434-451, 2006.
139. **Cengiz Kahraman**, Tijen Ertay, Gülçin Büyüközkan, [A Fuzzy Optimization Model For QFD Planning Process Using Analytic Network Approach](#), European Journal of Operational Research, 171(2), 390-411, 2006.
140. Tijen Ertay, Gülçin Büyüközkan, **Cengiz Kahraman**, Da Ruan, [Quality Function Deployment Implementation Based On Analytic Network Process With Linguistic Data: An Application In Automotive Industry](#), Journal of Fuzzy and Intelligent Systems, 16(3), 221-232, 2005.
141. Nelson Oly Ndubisi, **Cengiz Kahraman**, [Malaysia Women Enterepreneurs: Understanding the ICT Usage Behaviors and Drivers](#), Journal of Enterprise Information Management, 18, 721-739, 2005.
142. Osman Kulak, M.Bülent Durmusoglu, **Cengiz Kahraman**, [Fuzzy Multi-Attribute Equipment Selection Based On Information Axiom](#), Journal of Material Processing Technology, 169, 337-345, 2005.

143. Nelson Oly Ndubisi, **Cengiz Kahraman**, [Teleworking Adoption Decision-Making Processes: Multinational And Malaysian Firms Comparison](#), Journal of Enterprise Information Management, 18(2), 150-168, 2005.
144. **Cengiz Kahraman**, [A Multi-Enterprise View of Business Activities](#), Guest Editorial, Journal of Enterprise Information Management, 18(3), 273-274, 2005.
145. Osman Kulak, **Cengiz Kahraman**, [Multi-Attribute Comparison Of Advanced Manufacturing Systems Using Fuzzy Vs Crisp Axiomatic Design Approach](#), International Journal of Production Economics, 95, 415-424, 2005.
146. Ethem Tolga, M. Levent Demircan, **Cengiz Kahraman**, [Operating System Selection using Fuzzy Replacement Analysis and Analytic Hierarchy Process](#), International Journal of Production Economics, 97, 89-117, 2005.
147. Osman Kulak, **Cengiz Kahraman**, Başar Öztaysi, Mehmet Tanyas, [Multi-Attribute Information Technology Project Selection Using Fuzzy Axiomatic Design](#), Journal of Enterprise Information Management, 18(3), 275-288, 2005.
148. Osman Kulak, **Cengiz Kahraman**, [Fuzzy Multi-Attribute Transportation Company Selection Using Axiomatic Design And Analytic Hierarchy Process](#), Information Sciences, 170(2-4), 191-210, 2005.
149. Gülçin Büyüközkan, Tijen Ertay, **Cengiz Kahraman**, Da Ruan, [Determining The Importance Weights For The Design Requirements In House Of Quality Using Fuzzy Analytic Network Approach](#), International Journal of Intelligent Systems, 19(5), 443-461, 2004.
150. **Cengiz Kahraman**, Ahmet Beşkese, Da Ruan, [Measuring Flexibility Of Computer Integrated Manufacturing Systems Using Fuzzy Cash Flow Analysis](#), Information Sciences, 168, 77-94, 2004.
151. Gülçin Büyüközkan, **Cengiz Kahraman**, Da Ruan, [A Fuzzy Multi-Criteria Decision Approach for Software Development Strategy Selection](#), International Journal of General Systems, 33(2-3), 259-280, 2004.
152. Murat Gülbay, **Cengiz Kahraman**, Da Ruan, [Alpha-Cut Fuzzy Control Charts For Linguistic Data](#), International Journal of Intelligent Systems, 19(12), 1173-1195, 2004.
153. **Cengiz Kahraman**, Cafer Erhan Bozdag, Da Ruan, Ahmet Fahri Ozok, [Fuzzy Approaches To Statistical Parametric And Nonparametric Tests](#), International Journal Of Intelligent Systems, 19(11), 1069-1087, 2004.
154. **Cengiz Kahraman**, Ahmet Beşkese, Zahir Irani, [Quantification Of Flexibility In Advanced Manufacturing Systems Using Fuzzy Concept](#), International Journal Of Production Economics, 89(1), 45-56, 2004.
155. **Cengiz Kahraman**, Ufuk Cebeci, Da Ruan, [Multi-attribute Comparison of Catering Service Companies Using Fuzzy AHP: The case of Turkey](#), International Journal of Production Economics, 87(2), 171-184, 2004.

156. **Cengiz Kahraman**, [Managerial Decision Making Applications in Logistics and Information Management](#), Guest Editorial, *Logistics Information Management: An International Journal*, 16(6), 381, 2003.
157. **Cengiz Kahraman**, Ufuk Cebeci, Ziya Ulukan, [Multi-Criteria Supplier Selection Using Fuzzy AHP](#), *Logistics Information Management: An International Journal*, 16(6), 382-394, 2003.
158. Cafer Erhan Bozdog, **Cengiz Kahraman**, Da Ruan, [Fuzzy Group Decision Making For Selection Among Computer Integrated Manufacturing Systems](#), *Computers in Industry*, 51(1), 13-29, 2003.
159. **Cengiz Kahraman**, Da Ruan, İbrahim Doğan, [Fuzzy Group Decision Making for Facility Location Selection](#), *Information Sciences*, 157, 135-153, 2003.
160. **Cengiz Kahraman**, Da Ruan, Cafer Erhan Bozdog, [Optimisation Of Multilevel Investments Using Dynamic Programming Based On Fuzzy Cash Flows](#), *Fuzzy Optimization and Decision Making Journal*, 2(2), 101-122, 2003.
161. Zahir Irani, A., Sharif, P.E.D., Love, **Cengiz Kahraman**, [Applying Concepts of Fuzzy Cognitive Mapping to Model: The IT/IS Investment Evaluation Process](#), *International Journal of Production Economics*, 75(1-2), 199-211, 2002.
162. **Cengiz Kahraman**, Da Ruan, Ethem Tolga, [Capital Budgeting Techniques Using Discounted Fuzzy Versus Probabilistic Cash Flows](#), *Information Sciences*, 142(1-4), 57-76, 2002.
163. **Cengiz Kahraman**, [Forecasting the Sale Levels of Information Technology Using Fuzzy Regression Analysis: The Case of Turkey](#), *International Journal of Technology Management*, 24(2-3), 330-339, 2002.
164. **Cengiz Kahraman**, [Fuzzy Versus Probabilistic Benefit/Cost Ratio Analysis for Public Works Projects](#), *International Journal of Applied Mathematics and Computer Science*, 11(3), 705-718, 2001.
165. **Cengiz Kahraman**, Ethem Tolga, Ziya Ulukan, [Justification of Manufacturing Technologies Using Fuzzy Benefit/Cost Ratio Analysis](#), *International Journal of Production Economics*, 66(1), 45-52, 2000.
166. **Cengiz Kahraman**, Ethem Tolga, Ziya Ulukan, [Selecting Among Advanced Manufacturing Technologies Using Fuzzy Data Envelopment Analysis](#), *Tatra Mountains Mathematical Publications*, 16, 311-323, 1999.
167. Ethem Tolga, **Cengiz Kahraman**, [Multi-Criteria Investment Analysis Under Uncertainty](#), *Bulletin of the Technical University of Istanbul*, 46(1), 135-143, 1993.

### International book chapters

1. Sezi Çevik Onar, Başar Öztaysi, Cengiz Kahraman, Seda Yanık Ugurlu, Özlem Şenvar, A literature survey on Metaheuristics in production systems, in *Metaheuristics for Production Systems*, (Editors: Prof. L. Amodeo, Prof. E-G. Talbi, Prof. F. Yalaoui), Springer, 2015.
2. Ali Karaşan, İbrahim Yazici, Cengiz Kahraman, A Literature Survey on the Usage of Fuzzy MCDM Methods for Digital Marketing, in *Fuzzy Optimization and Multi-Criteria Decision Making in Digital Marketing* (Editor: Anil Kumar), IGI Global, 2015.
3. Başar Öztaysi, Cengiz Kahraman, Evaluation of renewable energy alternatives using hesitant fuzzy TOPSIS and interval type-2 fuzzy AHP, in “Soft Computing Applications for Renewable Energy and Energy Efficiency”, M. Socorro García-Cascales, Juan Miguel Sánchez Lozano, Antonio David Masegosa and Carlos Cruz- Corona (Editors), IGI Global, pp. 191-224, 2014.
4. Özlem Şenvar, Ebru Turanoğlu, Cengiz Kahraman, Usage of Metaheuristics in Engineering: A Literature Review, in *Meta-Heuristics Optimization Algorithms in Engineering, Business, Economics, and Finance* (Editor: Pandian Vasant), IGI Global, pp. 484-528, 2013.
5. Gül Tekin Temur, Tolga Kaya, Cengiz Kahraman, [Facility Location Selection in Reverse Logistics Using a Type-2 Fuzzy Decision Aid Method](#), in *Supply Chain Management Under Fuzziness: Recent Developments and Techniques, Studies in Fuzziness and Soft Computing*, Springer Verlag, Vol. 313, 2014, pp. 591-606.
6. Ozlem Senvar, Umut Rifat Tuzkaya, Cengiz Kahraman, [Supply Chain Performance Measurement: An Integrated DEMATEL and Fuzzy-ANP Approach](#), in *Supply Chain Management Under Fuzziness: Recent Developments and Techniques, Studies in Fuzziness and Soft Computing*, Springer Verlag, Vol. 313, 2014, pp. 143-165.
7. Ozlem Senvar, Gülfem Tuzkaya, Cengiz Kahraman, [Multi Criteria Supplier Selection Using Fuzzy PROMETHEE Method](#), in *Supply Chain Management Under Fuzziness: Recent Developments and Techniques, Studies in Fuzziness and Soft Computing*, Springer Verlag, Vol. 313, 2014, pp. 21-34.
8. Başar Öztaysi, Seda Uğurlu, Cengiz Kahraman, Assessment of Green Energy Alternatives Using Fuzzy ANP, *Assessment and Simulation Tools for Sustainable Energy Systems, Green Energy and Technology*, Springer verlag, Volume 129, 2013, pp 55-77.
9. Seda Ugurlu, Basar Öztaysi and Cengiz Kahraman, Territorial Design for Matching Green Energy Supply and Energy Consumption: The Case of Turkey, *Assessment and Simulation Tools for Sustainable Energy Systems, Green Energy and Technology*, Springer verlag, Volume 129, 2013, pp 107-128.
10. Başar Öztaysi, Cengiz Kahraman, Quantification of Corporate Performance Using Fuzzy Analytical Network Process: The Case of Ecommerce, in *Handbook of Research on Novel Soft Computing Intelligent Algorithms: Theory and Practical Applications* (Editor: Pandian Vasant), IGI Global, Volume 1, pp. 385-413, 2013.

11. Sari I.U., Oztaysi B., and Kahraman C. (2013), Fuzzy AHP Using Type II Fuzzy Sets: An Application to Warehouse Location Selection, In Doumpos M. and Grigoroudis E. Eds., *Multicriteria Decision Aid and Artificial Intelligence: Links, Theory and Applications*, Wiley, pp. 258-308.
12. Oztaysi B., Behret H., Kabak O., Sari I.U. and Kahraman C. (2013), Fuzzy Inference Systems for Disaster Response, In Montero J., Vitoriano, B. and Ruan D. ed. 2013, *Decision Aid Models for Disaster Management and Emergencies*, Atlantis Press, Ch. 4, pp. 75-94.
13. Cengiz Kahraman, Computational Intelligent Systems in Industrial Engineering, in *Computational Intelligence Systems in Industrial Engineering with Recent Theory and Applications* (Editor: C. Kahraman), Atlantis&Springer, pp.1-19, 2012.
14. İrem Uçal Sarı, Seda Uğurlu, Cengiz Kahraman, Prioritization of Supply Chain Performance Measurement Factors and a Fuzzy Multiattribute Approach, Springer.
15. Emre Çevikcan, İrem Uçal Sarı, Cengiz Kahraman, Assessment of Storage Policies in Warehouses and a Fuzzy Information Axiom Approach, Springer.
16. İhsan Kaya, **Cengiz Kahraman**, Selcuk Cebi, Computational Intelligence Techniques for Risk Management in Decision Making, J. Lu, L.C. Jain, and G. Zhang: *Handbook on Decision Making*, ISRL 33, pp. 9–38, Springer-Verlag Berlin Heidelberg 2012.
17. Selcuk Cebi, **Cengiz Kahraman**, İhsan Kaya, Soft Computing and Computational Intelligent Techniques in the Evaluation of Emerging Energy Technologies, in “Innovation in Power, Control, and Optimization: Emerging Energy Technologies” (Editors: Pandian Vasant, Nader Barsoum, Jeffrey Webb), 2012, IGI Global, pp.164-197.
18. **Cengiz Kahraman**, İhsan Kaya, H. Ziya Ulukan, İrem Uçal, Economic Forecasting Techniques and Their Applications, in *Business Intelligence in Economic Forecasting: Technologies and Techniques* (Editors: Jue Wang, Shouyang Wang), pp. 16-44, 2010.
19. **Cengiz Kahraman** and Mesut Yavuz (Eds.), *Production Engineering and Management under Fuzziness*, , Studies in Fuzziness and Soft Computing, Volume 252, Springer-Verlag Berlin Heidelberg, 2010.
20. **Cengiz Kahraman**, Mesut Yavuz, İhsan Kaya, Fuzzy and Grey Forecasting Techniques and Their Applications in Production Systems, in *Production Engineering and Management under Fuzziness*, Cengiz Kahraman and Mesut Yavuz (Eds.), Studies in Fuzziness and Soft Computing, Volume 252, pp. 1-24, Springer-Verlag Berlin Heidelberg.
21. **Cengiz Kahraman**, Fatih Tüysüz, Manufacturing System Modeling Using Petri Nets, in *Production Engineering and Management under Fuzziness*, Cengiz Kahraman and Mesut Yavuz (Eds.), Studies in Fuzziness and Soft Computing, Volume 252, pp. 95-124, Springer-Verlag Berlin Heidelberg.
22. **Cengiz Kahraman**, A. Çağrı Tolga, Fuzzy Investment Planning and Analyses in Production Systems, in *Production Engineering and Management under Fuzziness*, Cengiz Kahraman and Mesut Yavuz (Eds.), Studies in Fuzziness and Soft Computing, Volume 252, pp. 279-298, Springer-Verlag Berlin Heidelberg.

23. **Cengiz Kahraman**, Selçuk Çebi, Fatih Tüysüz, Fuzzy Location Selection Techniques, in *Production Engineering and Management under Fuzziness*, Cengiz Kahraman and Mesut Yavuz (Eds.), Studies in Fuzziness and Soft Computing, Volume 252, pp. 329-358, Springer-Verlag Berlin Heidelberg.
24. Semra Birgün, **Cengiz Kahraman**, Kemal Güven Gülen, Fuzzy Productivity Measurement in Production Systems, in *Production Engineering and Management under Fuzziness*, Cengiz Kahraman and Mesut Yavuz (Eds.), Studies in Fuzziness and Soft Computing, Volume 252, pp. 417-430, Springer-Verlag Berlin Heidelberg.
25. **Cengiz Kahraman**, Murat Gülbay, Nihal Erginel, Sevil Şentürk, Fuzzy Statistical Process Control Techniques in Production Systems, in *Production Engineering and Management under Fuzziness*, Cengiz Kahraman and Mesut Yavuz (Eds.), Studies in Fuzziness and Soft Computing, Volume 252, pp. 431-456, Springer-Verlag Berlin Heidelberg.
26. **Cengiz Kahraman**, İhsan Kaya, Fuzzy Acceptance Sampling Plans, in *Production Engineering and Management under Fuzziness*, Cengiz Kahraman and Mesut Yavuz (Eds.), Studies in Fuzziness and Soft Computing, Volume 252, pp. 457-482, Springer-Verlag Berlin Heidelberg.
27. **Cengiz Kahraman**, İhsan Kaya, Fuzzy Process Capability Analysis and Applications, in *Production Engineering and Management under Fuzziness*, Cengiz Kahraman and Mesut Yavuz (Eds.), Studies in Fuzziness and Soft Computing, Volume 252, pp. 483-514, Springer-Verlag Berlin Heidelberg.
28. **Cengiz Kahraman**, İhsan Kaya, [Realizing Policies by Projects Using Fuzzy Multiple Criteria Decision Making](#), in Computational Intelligence in Complex Decision Systems (Editor: Da Ruan), Atlantis Press, pp. 273-300, 2010.
29. **Cengiz Kahraman**, İhsan Kaya, H. Ziya Ulukan, İrem Uçal, [Economic Forecasting Techniques and Their Applications](#), in Business Intelligence in Economic Forecasting: Technologies and Techniques, Editors: Shouyang Wang, and Jue Wang, IGI Global, 2009.
30. **Cengiz Kahraman**, İhsan Kaya, Didem Çınar, [Computational Intelligence: Past, Today and Future](#), in Computational Intelligence in Complex Decision Systems (Editor: Da Ruan), Atlantis Press, pp. 1-46, 2010.
31. **Cengiz Kahraman**, Selcuk Cebi, Ihsan Kaya, [Group Decision Making For Advanced Manufacturing Technology Selection Using Choquet Integral](#), in Technologies for Supporting Reasoning Communities and Collaborative Decision Making: Cooperative Approaches, Editors: John Yearwood and Andrew Stranieri, IGI Global Publishing, Chapter 11, pp. 193-212, 2011.
32. **Cengiz Kahraman**, İhsan Kaya, [Supplier Selection in Agile Manufacturing Using Fuzzy Analytic Hierarchy Process](#), in "Enterprise Networks and Logistics for Agile Manufacturing", Editors: Lihui Wang, and S.C. Lenny Koh, 2010, 155-186, Springer.

33. Orhan Engin, **Cengiz Kahraman**, Mustafa Kerim Yilmaz, [A Scatter Search Method For Multi Objective Fuzzy Permutation Flow Shop Scheduling Problem: A Real World Application](#), in Computational Intelligence in Flow Shop and Job Shop Scheduling (Uday K. Chakraborty (Editor)), Vol. 230, pp. 169-189, Verlag (Heidelberg), 2009.
34. P. Vasant, N. Barsoum, **C. Kahraman**, G.M. Dimirovski, [Application Of Fuzzy Optimization In Forecasting And Planning Of Construction Industry](#), in Artificial Intelligence for Advanced Problem Solving Techniques (Editors: Dimitris Vrakas and Ioannis PL. Vlahavas), pp.254-265, 2008.
35. **Cengiz Kahraman**, [Multi-Criteria Decision-Making Methods and Fuzzy Sets](#), in Fuzzy Multi-Criteria Decision Making Theory and Applications with Recent Developments (Editor: Cengiz Kahraman), Springer Optimization and Its Applications, Vol. 16, pp. 1-18, 2008.
36. **Cengiz Kahraman**, [Fuzzy Sets in Engineering Economic Decision-Making](#), in Fuzzy Engineering Economics with Applications (Editor: Cengiz Kahraman), Studies in Fuzziness and Soft Computing, Vol. 233, pp. 1-10, Springer, 2008.
37. **Cengiz Kahraman**, İhsan Kaya, [Fuzzy Benefit/Cost Analysis and Applications](#), Fuzzy Engineering Economics with Applications, Editor: C. Kahraman, 2008, 129–143, Springer.
38. **Cengiz Kahraman**, İhsan Kaya, [Depreciation and Income Tax Considerations under Fuzziness](#), Fuzzy Engineering Economics with Applications, Editor: C. Kahraman, 2008, 159–171, Springer.
39. **Cengiz Kahraman**, Tufan Demirel, Nihan Demirel, [Effects of Inflation under Fuzziness and Some Applications](#), in Fuzzy Engineering Economics with Applications (Editor: Cengiz Kahraman), Studies in Fuzziness and Soft Computing, Vol. 233, pp. 173-182, Springer, 2008.
40. **Cengiz Kahraman**, [Investment Analyses Using Fuzzy Decision Trees](#), in Fuzzy Engineering Economics with Applications (Editor: Cengiz Kahraman), Studies in Fuzziness and Soft Computing, Vol. 233, pp. 231-242, Springer, 2008.
41. **Cengiz Kahraman**, [Future Directions in Fuzzy Engineering Economics](#), in Fuzzy Engineering Economics with Applications (Editor: Cengiz Kahraman), Studies in Fuzziness and Soft Computing, Vol. 233, pp. 381-382, Springer, 2008.
42. **Cengiz Kahraman**, İhsan Kaya, [Fuzzy Equivalent Annual-Worth Analysis and Applications](#), Fuzzy Engineering Economics with Applications, Editor: C. Kahraman, 2008, 71–81, Springer.
43. Tufan Demirel, Nihan Çetin Demirel, **Cengiz Kahraman**, [Fuzzy Analytic Hierarchy Process and Its Applications](#), in Fuzzy Multi-Criteria Decision Making Theory and Applications with Recent Developments (Editor: Cengiz

- Kahraman), Springer Optimization and Its Applications, Vol. 16, pp. 85-118, 2008.
44. **Cengiz Kahraman**, Nihan Çetin Demirel, Tufan Demirel, and Nüfer Yasin Ateş, [A Swot-AHP Application Using Fuzzy Concept: E-Government in Turkey](#), in Fuzzy Multi-Criteria Decision Making Theory and Applications with Recent Developments (Editor: Cengiz Kahraman), Springer Optimization and Its Applications, Vol. 16, pp. 85-118, 2008.
  45. **Cengiz Kahraman**, İhsan Kaya, Sezi Çevik, Nüfer Yasin Ates, and Murat Gülbay, [Fuzzy Multi-Criteria Evaluation Of Industrial Robotic Systems Using TOPSIS](#), Fuzzy Multi-Criteria Decision Making Theory and Applications with Recent Development, Editor: C. Kahraman, 2008, 159-186, Springer.
  46. **Cengiz Kahraman**, Semra Birgün, Vedat Zeki Yenen, [Fuzzy Multi-Attribute Scoring Methods with Applications](#), in Fuzzy Multi-Criteria Decision Making Theory and Applications with Recent Developments (Editor: Cengiz Kahraman), Springer Optimization and Its Applications, Vol. 16, pp. 187-208, 2008.
  47. **Cengiz Kahraman**, Osman Kulak, [Fuzzy Multi-Attribute Decision Making Using an Information Axiom Based Approach](#), in Fuzzy Multi-Criteria Decision Making Theory and Applications with Recent Developments (Editor: Cengiz Kahraman), Springer Optimization and Its Applications , Vol. 16, pp. 209-234, 2008
  48. **Cengiz Kahraman**, İhsan Kaya, [Fuzzy Multiple Objective Linear Programming](#), Fuzzy Multi-Criteria Decision Making Theory and Applications with Recent Development, Editor: C. Kahraman, 2008, 325–337, Springer.
  49. Esra Bas, **Cengiz Kahraman**, [Fuzzy Capital Rationing Models](#), in Fuzzy Engineering Economics with Applications (Editor: Cengiz Kahraman), Studies in Fuzziness and Soft Computing, Vol. 233, pp. 359-380, Springer, 2008.
  50. **Cengiz Kahraman**, Murat Levent Demircan, [Fuzzy Replacement Analysis](#), in Fuzzy Engineering Economics with Applications (Editor: Cengiz Kahraman), Studies in Fuzziness and Soft Computing, Vol. 233, pp.145-158, Springer, 2008.
  51. Murat Gülbay, **Cengiz Kahraman**, [Fuzzy Process Control Charts](#), in Fuzzy Applications in Industrial Engineering, pp. 59-88, Kahraman, C. (Editor), Springer-Verlag, 2006.
  52. **Cengiz Kahraman**, Murat Gülbay, Özgür Kabak, [Applications of Fuzzy Sets in Industrial Engineering: A Topical Classification](#), in Fuzzy Applications in Industrial Engineering, pp 1-55, Kahraman,C. (Editor), Springer-Verlag, 2006.

53. **Cengiz Kahraman**, Murat Gülbay, and Ziya Ulukan, [Applications of Fuzzy Capital Budgeting Techniques](#), in *Fuzzy Applications in Industrial Engineering*, pp. 177-203, Kahraman, C. (Editor), Springer-Verlag, 2006.
54. Sezgin Kiliç, **Cengiz Kahraman**, [Metaheuristic Techniques for Job Shop Scheduling Problem and a Fuzzy Ant Colony Optimization Algorithm](#), in *Fuzzy Applications in Industrial Engineering*, pp. 401-425, Kahraman, C. (Editor), Springer-Verlag, 2006.
55. N.Yasin Ates, Sezi Çevik, **Cengiz Kahraman**, Murat Gülbay, Ayça Erdogan, [Multi-Attribute Performance Evaluation Using Hierarchical Fuzzy TOPSIS Method](#), in *Fuzzy Applications in Industrial Engineering*, pp. 537-572, Kahraman, C. (Editor), Springer-Verlag, 2006.
56. **Cengiz Kahraman**, Ahmet Beskese, F. Tunç Bozbura, [Fuzzy Regression Approaches and Applications](#), in *Fuzzy Applications in Industrial Engineering*, pp. 589-615, Kahraman, C. (Editor), Springer-Verlag, 2006.
57. Murat Gülbay, **Cengiz Kahraman**, [Fuzzy Process Control with Intelligent Data Mining](#), in *Intelligent Data Mining: Techniques and applications* (Editors: Da Ruan, Gouqing Chen, Etienne E. Kerre, Geert Wets), Springer Verlag, pp. 325-336, 2005.
58. **Cengiz Kahraman**, Gülçin Büyüközkan, Da Ruan, [Measuring Software Development Value Using Fuzzy Logic](#), in *Intelligent Sensory Evaluation: Methodologies and Applications* (Editors: Da Ruan and X.Zeng), Springer, pp. 285-308, 2004.
59. **Cengiz Kahraman**, Cafer Erhan Bozdağ, [Fuzzy Investment Analyses Using Capital Budgeting And Dynamic Programming Techniques](#), in *Computational Intelligence in Economics and Finance*, (edited by Shu-Heng Chen and P. Paul Wang), Springer-Verlag, Chapter 3, pp. 94-128, 2003.
60. **Cengiz Kahraman**, [Capital Budgeting Techniques Using Discounted Fuzzy Cash Flows](#), in *Soft Computing for Risk Evaluation and Management: Applications in Technology, Environment and Finance*, (Da Ruan, Janusz Kacprzyk and Mario Fedrizzi eds.), Physica Verlag, Heidelberg, 375-396, 2001.

### International Conference Papers

1. Ebru Turanoglu Bekar, Mehmet Cakmakci and Cengiz Kahraman, Proposal of New Performance Measures & Total Productive Maintenance Performance Measurement Using Fuzzy Data Envelopment Analysis, 4th International Fuzzy Systems Symposium (FUZZYSS'15), YTÜ, Istanbul-Turkey.
2. Irem Otay, Cengiz Kahraman, Worldwide Investing in Real Estate Using Interval-Valued Intuitionistic Fuzzy Sets, IFSA-EUSFLAT 2015, Gijon, Spain.

3. Cengiz Kahraman, Sezi Cevik Onar, Basar Oztaysi, Present Worth Analysis Using Hesitant Fuzzy Sets, IFSA-EUSFLAT 2015, Gijon, Spain.
4. Sezi Cevik Onar, Basar Oztaysi, Cengiz Kahraman, Record linkage using fuzzy sets for detecting suspicious financial transactions, IFSA-EUSFLAT 2015, Gijon, Spain.
5. Cengiz Kahraman, Basar Oztaysi and Sezi Cevik Onar, Annual Cash Flow Analysis Using Hesitant Fuzzy Sets, FUZZ-IEEE 2015, Kadir Has University, Istanbul-Turkey, August 2-5,2015.
6. Beyzanur Cayir Ervural, S. Ceren Oner, Veysel Coban and Cengiz Kahraman, A Novel Multiple Attribute Group Decision Making Methodology Based on Intuitionistic Fuzzy Topsis, FUZZ-IEEE 2015, Kadir Has University, Istanbul-Turkey, August 2-5,2015.
7. Ali Fahmi, Azad Derakhshan and Cengiz Kahraman, Human Resources Management using Interval Valued Intuitionistic Fuzzy AHP, FUZZ-IEEE 2015, Kadir Has University, Istanbul-Turkey, August 2-5,2015.
8. Basar Oztaysi, Sezi Cevik Onar, Eda Bolturk and Cengiz Kahraman, Hesitant Fuzzy Analytic Hierarchy Process, FUZZ-IEEE 2015, Kadir Has University, Istanbul-Turkey, August 2-5,2015.
9. Kerim Göztepe, Cengiz Kahraman, A New Approach to Military Decision Making Process: Suggestions from MCDM Point of View, ICMSS-2015 (International Conference on Military and Security Studies ), March 10-11, 2015, Proceedings, pp. 118-122, Istanbul, Turkey.
10. *Sezi Cevik Onar, Başar Oztayşi and Cengiz Kahraman*, Early Collection System Design Using Fuzzy Rule Based Inference, Proceedings of the 11th International FLINS Conference on Decision Making and Soft Computing (FLINS2014), pp.11-16, August 17-20, 2014, João Pessoa (Paraíba), Brazil.
11. *Cengiz Kahraman, Basar Oztaysi and Sezi Cevik Onar*, A Multicriteria Supplier Selection Model Using Hesitant Fuzzy Linguistic Term Sets, Proceedings of the 11th International FLINS Conference on Decision Making and Soft Computing (FLINS2014), pp.36-41, August 17-20, 2014, João Pessoa (Paraíba), Brazil.
12. Başar Oztayşi, Sezi Cevik Onar and Cengiz Kahraman, Prioritization of Urban Transformation Projects in Istanbul Using Multiattribute Hesitant Fuzzy Linguistic Term Sets, Proceedings of the 11th International FLINS Conference on Decision Making and Soft Computing (FLINS2014), pp.574-579, August 17-20, 2014, João Pessoa (Paraíba), Brazil.
13. Aslı Süder, Cengiz Kahraman, Minimizing environmental risks using fuzzy TOPSIS: location selection for ITU Faculty of Management, Proceedings of Risk Analysis and Crisis Response (RACR 2013), pp. 179-186, August 27-29, 2013, Istanbul, Turkey.
14. Ebru Turanoğlu Bekar, M. Çakmakçı, Cengiz Kahraman, An ANFIS model for forecasting risk by overall equipment effectiveness parameter in total productive maintenance, Proceedings of Risk Analysis and Crisis Response (RACR 2013), pp. 229-236, August 27-29, 2013, Istanbul, Turkey.

15. Cengiz Kahraman, Başar Öztaysi, Multicriteria CNC machine selection using type 2 fuzzy AHP, 7. International Academic Conference, September 1-4, 2013 Prague, Czech Republic.
16. Basar Oztaysi, Eda Boltürk, Cengiz Kahraman, Forecasting Real Estate Index Using Grey Forecasting: An Application In Turkey", International Academic Conference in Paris, (IACP) Paris, France- 5th - 6th August 2013.
17. Cengiz kahraman, Başar Öztaysi, International Academic Conference in Paris, (IACP) Paris, France- 5th - 6th August 2013.
18. Omer Atli, Cengiz Kahraman, Multi Mode Resource Constrained Project Scheduling Problems with Solving Taboo Search, Proceedings, 10th International FLINS Conference on Uncertainty Modeling in Knowledge Engineering and Decision Making (FLINS 2012) August 26-29, 2012, Istanbul, Turkey.
19. Cengiz Kahraman, Irem Uçal Sari, Ebru Turanoglu, Fuzzy Analytic Hierarchy Process with Type-2 Fuzzy Sets, Proceedings, 10th International FLINS Conference on Uncertainty Modeling in Knowledge Engineering and Decision Making (FLINS 2012) August 26-29, 2012, Istanbul, Turkey.
20. Irem Uçal Sari, Cengiz Kahraman, Fuzzy Forecasting of Interest Rates in Investment Decisions, Proceedings, 10th International FLINS Conference on Uncertainty Modeling in Knowledge Engineering and Decision Making (FLINS 2012) August 26-29, 2012, Istanbul, Turkey.
21. Ahmet Kandakoglu, Cengiz Kahraman, Ilker Topcu, Fuzzy Axiomatic Design Simulation for Evaluating the Conceptual Aircraft Designs, Proceedings, 10th International FLINS Conference on Uncertainty Modeling in Knowledge Engineering and Decision Making (FLINS 2012) August 26-29, 2012, Istanbul, Turkey.
22. İrem Uçal Sari, Cengiz kahraman, New Product Selection Using Fuzzy Linear Programming and Fuzzy Monte Carlo Simulation, 14th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems (IPMU 2012), Catania, Sicilia, Italy.
23. Cengiz Kahraman, İrem Uçal Sarı, Multicriteria Environmental Risk Evaluation Using Type II Fuzzy Sets, 14th International Conference on Information Processing and Management of Uncertainty in Knowledge-Based Systems (IPMU 2012), Catania, Sicilia, Italy.
24. Ebru Turanoğlu, Cengiz Kahraman, A design for sampling plans by attributes under fuzzy environment, 25th European Conference on Operational Research, 8-11 July 2012, Vilnius, Lithuania.
25. Behret H., Öztaysi B, Kahraman C. (2011) A Fuzzy Inference System for Supply Chain Risk Management, International Conference on Intelligent Systems and Knowledge Engineering, ISKE 2011, in Practical Applications of Intelligent Systems (Editors: Yinglin Wang, Tianrui Li), Springer Proceedings of the Sixth International Conference on Intelligent Systems and Knowledge Engineering, pp. 429-438, December 15-17, Shanghai, China.

26. İrini Dimitriyadis, Cengiz Kahraman, A fuzzy failure mode and effects analysis for collection preservation, the second international fuzzy systems symposium (FUZZYSS'11), Proceedings, Hacettepe University, 2011.
27. Cengiz kahraman, Preface of the 2011 ICCIIS special session: Computational Intelligence and Intelligent systems in industrial engineering, The 2011 International Conference of Computational Intelligence and Intelligent Systems (ICCIIS 2011), Proceedings, pp. London, U.K., 6-8 July, 2011.
28. Cengiz Kahraman, Ihsan Kaya, Fuzzy Estimations of Process Incapability Index, The 2011 International Conference of Computational Intelligence and Intelligent Systems (ICCIIS 2011), Proceedings, pp. 1106-1110, London, U.K., 6-8 July, 2011.
29. M. Emin Baysal, Ahmet Sarucan, Cengiz Kahraman, Orhan Engin, The selection of renewable energy power plant technology using fuzzy data envelopment analysis, The 2011 International Conference of Computational Intelligence and Intelligent Systems (ICCIIS 2011), Proceedings, pp. 1140-1143, London, U.K., 6-8 July, 2011.
30. Orhan Engin, M. Kerim Yılmaz, Cengiz Kahraman, M. Emin Baysal, Ahmet Sarucan, A scatter search method for fuzzy job shop scheduling problem with availability constraints, The 2011 International Conference of Computational Intelligence and Intelligent Systems (ICCIIS 2011), Proceedings, pp. 1144-1148, London, U.K., 6-8 July, 2011.
31. Ahmet Sarucan, M. Emin Baysal, Cengiz Kahraman, Orhan Engin, A hierarchy grey relational analysis for selecting the renewable electricity generation Technologies, The 2011 International Conference of Computational Intelligence and Intelligent Systems (ICCIIS 2011), Proceedings, pp. 1149-1154, London, U.K., 6-8 July, 2011.
32. Serhad Aydın, Cengiz Kahraman, A modified fuzzy analytic hierarchy process based multicriteria decision making methodology for assessing e-commerce website quality: a case study in Turkey, The 2011 International Conference of Computational Intelligence and Intelligent Systems (ICCIIS 2011), Proceedings, pp. 1174-1178, London, U.K., 6-8 July, 2011.
33. Hülya Behret, Cengiz Kahraman, A Fuzzy Optimization Model for Single-Period Inventory Problem, The 2011 International Conference of Computational Intelligence and Intelligent Systems (ICCIIS 2011), Proceedings, pp. 1100-1105, London, U.K., 6-8 July, 2011.
34. Ihsan Kaya, **Cengiz Kahraman**, Risk Assessment of Air Pollution by Using Fuzzy Process Incapability Index with Asymmetric Tolerances, Proceedings of the 3rd International Conference on Risk Analysis and Crisis Response (RACR 2011), pp.115-120, May 22-25, 2011, Laredo, Texas, USA.
35. **Cengiz Kahraman**, Ihsan Kaya, Healthcare Failure Mode and Effects Analysis under Fuzziness, proceedings of the 3rd International Conference on Risk Analysis and Crisis Response (RACR 2011), pp.27-32, May 22-25, 2011, Laredo, Texas, USA.
36. **Cengiz Kahraman**, İhsan Kaya, Selçuk Çebi, A Process Capability Index With Asymmetric Tolerances under Fuzzy Environment, International Conference on

Intelligent Systems and Knowledge Engineering (ISKE 2010), Proceedings, Hongzua, China, 430-435, 2010.

37. İhsan Kaya, **Cengiz Kahraman**, [Fuzzy Estimations of the Indices Cpm and Cpmk](#), Annual International Conference for Academic Disciplines-Austria 2010, May 30-June 3, 2010, Bad Hofgastein, Salzburg, pp. 208-217.
38. İhsan Kaya, **Cengiz Kahraman**, A. Parchami, M. Mashinchi, [Effects of Fuzzy Parameters on Process Capability Indices](#), 10<sup>th</sup> Iranian Conference on Fuzzy Systems, July 13–15, 2010, Shahid Beheshti University, Tehran, Iran, 325–331.
39. İrem Uçal, **Cengiz Kahraman**, [FUZZY INVESTMENT DECISION MAKING USING MELLIN TRANSFORM](#), The 9th International FLINS Conference on Foundations and Applications of Computational Intelligence (FLINS2010), proceedings, 342-347, August 2-4, 2010, Chengdu (EMei), China.
40. A. Çağrı Tolga, **Cengiz Kahraman**, A NEW FUZZY ELECTRE APPROACH WITH AN ALTERNATIVE FUZZY RANKING METHOD, The 9th International FLINS Conference on Foundations and Applications of Computational Intelligence (FLINS2010), proceedings, 432-437, August 2-4, 2010, Chengdu (EMei), China.
41. **Cengiz Kahraman**, Selcuk Cebi, DETERMINING THE BEST DESIGN VIA ENTROPY OF DESIGN MATRIX, The 9th International FLINS Conference on Foundations and Applications of Computational Intelligence (FLINS2010), proceedings, 806-812, August 2-4, 2010, Chengdu (EMei), China.
42. Hülya Behret, **Cengiz Kahraman**, ANALYSIS OF SINGLE-PERIOD INVENTORY MODELS WITH DISCRETE DEMAND UNDER FUZZY ENVIRONMENT, The 9th International FLINS Conference on Foundations and Applications of Computational Intelligence (FLINS2010), proceedings, 445-450, August 2-4, 2010, Chengdu (EMei), China.
43. Tijen Ertay, **Cengiz Kahraman**, EVALUATION OF RENEWABLE ENERGY ALTERNATIVES USING MACBETH, The 9th International FLINS Conference on Foundations and Applications of Computational Intelligence (FLINS2010), proceedings, 937-943, August 2-4, 2010, Chengdu (EMei), China.
44. **Cengiz Kahraman**, İhsan Kaya, FUZZY ESTIMATION OF PROCESS ACCURACY INDEX, The 9th International FLINS Conference on Foundations and Applications of Computational Intelligence (FLINS2010), proceedings, 215-221, August 2-4, 2010, Chengdu (EMei), China.
45. Ferhan ÇEBİ, **Cengiz KAHRAMAN**, Bersam BOLAT, A Multiattribute ABC Classification Model Using Fuzzy AHP, The 40th International Conference on Computers and Industrial Engineering (CIE40), July 25-28, 2010, Awaji Island, Japan.
46. A. Çağrı Tolga, Fatih Tuysuz and **Cengiz Kahraman**, Fuzzy Real Option Value Integrated Fuzzy ANP Method for Location Selection Problems, FUZZ-IEEE 2010 world Conference on Computational Intelligence, Barcelona, Spain, July 18-23, 2010.
47. A. Çağrı Tolga, **Cengiz Kahraman**, [Fuzzy Multiattribute R&D Project Selection Using Real options with Trinomial Lattice Approach](#), 2<sup>nd</sup> International Conference on

Risk Analysis and Crisis Response, Beijing China, Proceedings, pp. 162-167, October 19-21, 2009.

48. Selçuk Çebi, Metin Celik, **Cengiz Kahraman**, [A Risk Analysis Proposal Towards Implementation of Planned Maintenance System Onboard Ships](#), 2<sup>nd</sup> International Conference on Risk Analysis and Crisis Response, Beijing China, Proceedings, pp. 97-104, October 19-21, 2009.
49. Selçuk Çebi, Aslıhan Çebi, **Cengiz Kahraman**, [A Fuzzy Group Decision Making Approach for Risk Assessment of Renovation and Retrofitting Project](#), 2<sup>nd</sup> International Conference on Risk Analysis and Crisis Response, Beijing China, Proceedings, pp. 92-96, October 19-21, 2009.
50. **Cengiz Kahraman**, İhsan Kaya, Mehmet Serdar Kılınc, [A Fuzzy Multicriteria Approach to Location Selection of Wastewater Treatment Plants](#), The Second International Conference on Risk Analysis and Crisis Response, Proceedings, October 19–21, 2009, Beijing, China, pp:124–129.
51. İhsan Kaya, **Cengiz Kahraman**, [Risk Assessment of Air Pollution by Process Capability Indices Under Fuzzy Normal Distribution](#), The Second International Conference on Risk Analysis and Crisis Response, Proceedings, October 19–21, 2009, Beijing, China, pp:136–141.
52. **Cengiz Kahraman**, İhsan Kaya, [Fuzzy Reliability Analysis in Risk Management](#), The Second International Conference on Risk Analysis and Crisis Response, Proceedings, October 19–21, 2009, Beijing, China, pp:234–239.
53. Selcuk Cebi, Metin Celik, **Cengiz Kahraman**, [Measuring Customer Satisfaction Of Turkish Ship-Owners Over Container Ports On Mediterranean Short-Sea Shipping Lines](#), 38th International Conference on Computers and Industrial Engineering, proceedings, pp. 663-669, October 31- November 2, 2008, Beijing, China.
54. Orhan Engin, **Cengiz Kahraman**, Mustafa Kerim Yimaz, [A New Artificial Immune System Algorithm For Multi Objective Fuzzy Flow Shop Scheduling: A Real World Application](#), FLINS 2008, pp. 1087-1092, Madrid, Spain, September 21-24. 2008.
55. **Cengiz Kahraman**, Irem Ucal, [Fuzzy Real Options Valuation For Oil Investments](#), Proceedings, FLINS 2008, pp. 1027-1032, Madrid, Spain, September 21-24. 2008.
56. Selcuk Cebi, Metin Celik, **Cengiz Kahraman**, [Axiomatic Decision Model Proposal On Marine Vendor Selection Problem](#), VI. International Logistics & Supply Chain Congress 2008, pp. 367-373.
57. Selcuk Cebi, **Cengiz Kahraman**, [Developing A Decision Support System Based On Fuzzy Information Axiom](#), FLINS 2008, pp. 757-762, Madrid, Spain, September 21-24. 2008.
58. **Cengiz Kahraman**, İhsan Kaya, [Process Improvement Using Fuzzy Robust Process Capability Indices](#), The 8<sup>th</sup> International FLINS Conference on Computational Intelligence in Decision and Control, September 21–24, 2008, Madrid-Spain, pp:355–360.

59. İhsan Kaya, **Cengiz Kahraman**, [Fuzzy Process Accuracy Index As A Decision Making Tool](#), The 8<sup>th</sup> International FLINS Conference on Computational Intelligence in Decision and Control, September 21–24, 2008, Madrid-Spain, pp:343–348.
60. A. Cagri Tolga, **Cengiz Kahraman**, [A New Fuzzy Real Options Valuation Model: Its Application To Multicriteria R&D Project Selection](#), FLINS 2008, Proceedings, pp. 641-646, Madrid, Spain, September 21-24. 2008.
61. Hülya Behret, **Cengiz Kahraman**, [A Fuzzy Clustering Application In A Cellular Manufacturing System](#), FLINS 2008, Proceedings, pp. 1117-1122, Madrid, Spain, September 21-24. 2008.
62. Cagri Tolga, **Cengiz Kahraman**, [Fuzzy Multi-Criteria Evaluation of R&D Projects and A Fuzzy Trinomial Lattice Approach for Real Options](#), 2008 International Conference on Intelligent System and Knowledge Engineering (ISKE2008), proceedings, pp. 418-423, Nov. 17-18, 2008, Xiamen, China.
63. Selçuk Cebi, Metin Celik, Deha Er, **Cengiz Kahraman**, [Structuring Ship Design Project Approval Mechanism Towards Operator-System Interfaces Via Fuzzy Axiomatic Design Principles](#), The 8th International FLINS Conference on Computational Intelligence in Decision and Control, FLINS 2008, 1111-1116, Madrid, Spain, September 21-24. 2008.
64. Selcuk Cebi, **Cengiz Kahraman**, [Axiomatic Design Principles under Fuzzy Environment](#), 2008 International Conference on Intelligent System and Knowledge Engineering (ISKE2008), proceedings, pp.411-417, Nov. 17-18, 2008, Xiamen, China.
65. İhsan Kaya, **Cengiz Kahraman**, [On Process Capability Analysis under Fuzzy Normal Distribution](#), Proceedings of 2008 3<sup>rd</sup> International Conference on Intelligent System and Knowledge Engineering, November 17–18, 2008, Xiamen, China, pp: 424–428.
66. Orhan Engin, Şerife Gözen, **Cengiz Kahraman**, [A Fuzzy Approach For Parallel Machine Scheduling Problems And Its Application In An Engine Valve Manufacturing Process](#), Proceedings, 12th International Conference on Fuzzy Theory & Technology (FTT 2007), Marriot Salt Lake City Center, Salt Lake City, Utah, USA, July 18-24, 2007.
67. İhsan Kaya, **Cengiz Kahraman**, [Learning Processes and Their Fuzzy Capability Analyses](#), 12th International Conference on Fuzzy Theory & Technology, July 15–22, 2007, Salt Lake City, Utah, USA, Information Sciences 2007- World Scientific Publishing Co. Pte. Ltd.-doi:10.1142/9789812709677\_0186, pp: 1312-1317.
68. İhsan Kaya, **Cengiz Kahraman**, [Air Pollution Control Using Six Sigma Approach](#), The First International Conference on Risk Analysis and Crisis Response, September 25–26, 2007, Shanghai, China, pp:110–115.
69. **Cengiz Kahraman**, İhsan Kaya, [Fuzzy Process Capability Indices for Quality Control of Irrigation Water](#), The First International Conference on Risk Analysis and Crisis Response, September 25–26, 2007, Shanghai, China, pp:144–149.
70. Adem Karahoca, Senay Yalcin, **Cengiz Kahraman**, Mert Sanver, [Fraud Detection Using An Adaptive Neuro-Fuzzy Inference System In Mobile Telecommunication](#)

[Networks](#), 12th International Conference on Fuzzy Theory & Technology (FTT 2007), Marriot Salt Lake City Center, Salt Lake City, Utah, USA, July 18-24, 2007.

71. Irini Dimitriyadis, **Cengiz Kahraman**, Ahmet Beskese, Tunc Bozbura, [A Fuzzy Approach in Calculating Shortfall Risk under Alternative Withdrawl Plans of Pension Savings](#), 11th International Congress on Insurance: Mathematics & Economics, July 10 - 12, 2007, Piraeus, Greece.
72. İhsan Kaya, **Cengiz Kahraman**, [A Genetic Algorithm Approach For Process Control](#), The 37<sup>th</sup> International Conference on Computers and Industrial Engineering, October 20–23, 2007, Alexandria-Egypt, pp:1189–1198.
73. İhsan Kaya, **Cengiz Kahraman**, [Determination Of The Best Crossover Operator And Ratio In Process Control Approach](#), The 37<sup>th</sup> International Conference on Computers and Industrial Engineering, October 20–23, 2007, Alexandria-Egypt, pp:1763–1770.
74. Sezi Çevik, **Cengiz Kahraman**, [A Fuzzy Statistical Multicriteria Decision Making Method For Supplier Selection](#), 12th International Conference on Fuzzy Theory & Technology (FTT 2007), Marriot Salt Lake City Center, Salt Lake City, Utah, USA, July 18-24, 2007.
75. **Cengiz Kahraman**, Ziya Ulukan, [Investment Analysis Using Grey And Fuzzy Logic](#), FLINS 2006, Proceedings, pp. 283-290, 29-31 August 2006, Genova-Italy.
76. Gülçin Büyüközkan, Orhan Feyzioglu, **Cengiz Kahraman**, [A Hybrid Evaluation Framework For It Outsourcing Supplier Selection](#), Proceedings of 5th International Symposium on Intelligent Manufacturing Systems, May 29-31, 2006.
77. Pandian Vasant, Arijit Bhattacharya, Sani Susanto, **Cengiz Kahraman**, G. Dimirovski, [Compromise Multi-Objective Fuzzy Linear Programming \(CMOFLP\): Modelling And Application](#), International Symposium on Information and Communications Technologies 2006 (M2USIC 2006), pp. 126-131, 16-17 November 2006, Petaling Jaya, Selangor, Malaysia.
78. **Cengiz Kahraman**, Gülçin Büyüközkan, [Evaluation Of E-Service Providers Using A Fuzzy Multi-Attribute Group Decision- Making Method](#), FLINS 2006, Proceedings, pp. 477-484, 29-31 August 2006, Genova-Italy.
79. Sezgin Kilic, **Cengiz Kahraman**, [Scheduling A Flowshop Problem With Fuzzy Processing Times Using Ant Colony Optimization](#), FLINS 2006, Proceedings, pp. 449- 456, 29-31 August 2006, Genova-Italy.
80. Sani Susanto, Pandian Vasant, Arijit Bhattacharya, **Cengiz Kahraman**, [Product-Mix Decision with Compromise LP Having Fuzzy Objective Function Coefficients \(CLPFOFC\)](#), FLINS 2006, Proceedings, pp. 315-320, 29-31 August 2006, Genova-Italy.
81. Sezi Çevik, Nüfer Yasin Ates, Murat Gülbay, **Cengiz Kahraman**, [Fuzzy Optimization Models for Supply Chain Problems](#), 35th International Computers & Industrial Engineering Conference, Proceedings, pp.483-488, Vol. I, 19-22 June 2005, Istanbul, Turkey.

82. Murat Gülbay, Ugur Sahin, **Cengiz Kahraman**, [E-Commerce Customer's Segmentation by Means of Fuzzy c-Means Clustering](#), 35th International Computers & Industrial Engineering Conference, Proceedings, pp.825-830, Vol. I, 19-22 June 2005, Istanbul, Turkey.
83. **Cengiz Kahraman**, Gülçin Büyüközkan, [A Combined Fuzzy AHP And Fuzzy Goal Programming Approach For Effective Six-Sigma Project Selection](#), Proceedings, Vol. III, pp. 1716-1720, 11th IFSA World Congress, July 128-31, 2005, Beijing, China.
84. **Cengiz Kahraman**, Ziya Ulukan, Murat Gülbay, [Investment Analyses Under Fuzziness Using Possibilities Of Probabilities](#), World Congress, Vol. III, pp. 1721-1724, 11th IFSA, 2005, Beijing, China.
85. **Cengiz Kahraman**, Tijen Ertay, Cafer Erhan Bozdog, [Prioritizing Design Requirements based on Fuzzy Outranking Methods](#), 6th International FLINS Conference on Applied Computational Intelligence, proceedings, pp.489-494, Duinse Polders, Blankenberge, Belgium, September 1-3, 2004.
86. **Cengiz Kahraman**, Gülçin Büyüközkan, Da Ruan, [A Fuzzy Heuristic Multi-Attribute Conjunctive Approach for ERP Software Selection](#), 6th International FLINS Conference on Applied Computational Intelligence, proceedings, pp. 519-524, Duinse Polders, Blankenberge, Belgium, September 1-3, 2004.
87. **Cengiz Kahraman**, Nüfer Yasin Ates, Sezi Çevik, Murat Gülbay, Ayça Erdogan, [Hierarchical Fuzzy Topsis Model For Selection Among Logistics Information Technologies](#), International Logistics Congress, Proceedings, pp. 179-188, Izmir, Turkey, December 2-3, 2004
88. Osman Kulak, **Cengiz Kahraman**, Başar Oztaysi, [Multi-Criteria Transporter Selection Using Minimum Information Axiom](#), International Logistics Conference (Logistics' 2003), Proceedings, pp. 67-72, Bahcesehir University, June 30-July 1, 2003.
89. Ahmet Beskese, **Cengiz Kahraman**, Zahir Irani, [Quantification of Flexibility in Advanced Manufacturing Systems Using Fuzzy Present Worth Analysis](#), 2nd International Conference on Systems Thinking in Management (ICSTM-2002), CD Proceedings, B1-pp.17-24, University of Salford, School of Management Salford, Near Manchester (UK), April 3-5, 2002.
90. **Cengiz Kahraman**, Ethem Tolga, [Payback Period Analysis with Fuzzy Continuous Compounding](#), International Conference on Fuzzy Systems and Soft Computational Intelligence in Management and Industrial Engineering (FSSCIMIE 2002), Proceedings, pp. 140-149, Istanbul Technical University, May 29-31, 2002.
91. Fethi Çalışir, **Cengiz Kahraman**, [Fuzzy Earned Value Analysis in Project Management](#), International Conference on Fuzzy Systems and Soft Computational Intelligence in Management and Industrial Engineering (FSSCIMIE 2002), Proceedings, pp. 260-268, Istanbul Technical University, May 29-31, 2002.
92. Ufuk Cebeci, **Cengiz Kahraman**, [Measuring Customer Satisfaction of Catering Service Companies Using Fuzzy AHP: The Case of Turkey](#), International Conference on Fuzzy Systems and Soft Computational Intelligence in Management and Industrial

Engineering (FSSCIMIE 2002), Proceedings, pp. 315-325, Istanbul Technical University, May 29-31, 2002.

93. Ahmet Beşkese, **Cengiz Kahraman**, Da Ruan, [Flexibility Quantification in Computer Integrated Manufacturing Systems Based on Fuzzy Cash Flow Analysis](#), 5th International FLINS Conference on Computational Intelligent Systems for Applied Research (FLINS'2002), Proceedings, pp. 171-178, Het Pand, Gent, Belgium, September 16-18, 2002.
94. **Cengiz Kahraman**, Ethem Tolga, [Estimating the Inflation Rates in Turkey Using Fuzzy Linear Regression](#), 14th Conference on Quantitative Methods for Decision Making, p.78 (abstracts book), ORBEL'14, Belgium, January 20-21, 2000.
95. **Cengiz Kahraman**, Ethem Tolga, [Investment Analysis Using Fuzzy Bayesian Decision Method](#), 4th International Conference on Engineering Design and Automation (EDA'2000), CD-ROM Proceedings, pp. 684-691, Orlando, FL, USA, July 30-August 2, 2000.
96. **Cengiz Kahraman**, Ethem Tolga, Ziya Ulukan, [Dynamic Programming Using Fuzzy Concept](#), 2nd Conference on Management and Control of Production and Logistics (MCPL'2000), Proceedings, Grenoble, France, July 5-8, 2000.
97. **Cengiz Kahraman**, Ethem Tolga, [Fuzzy Group Decision Making](#), Proceedings of the IASTED International Conference on Neural Networks (NN'2000), pp. 67-70, Pittsburgh, Pennsylvania, USA, May 15-17, 2000.
98. **Cengiz Kahraman**, Da Ruan, Ethem Tolga, [Discounted Possibilistic Cash Flows Versus Probabilistic Cash Flows](#), The Fourth International FLINS Conference on Intelligent Techniques and Soft Computing in Nuclear Science and Engineering, Proceedings, pp. 214-223, Bruges, Belgium, August 28-30, 2000.
99. **Cengiz Kahraman**, Ethem Tolga, [Probabilistic Cash Flows and Equivalent Discount Rates](#), 1999 IEEE International Conference on Systems, Man, and Cybernetics Tokyo International Forum (SMC'99), Proceedings, Tokyo, Japan, October 12-15, 1999.
100. **Cengiz Kahraman**, Ziya Ulukan, [Multi-Criteria Capital Budgeting Using FLIP](#), 3rd International Conference on Computational Intelligence and Multimedia Applications (ICCIMA'99), Proceedings, New Delhi, India, 23-26 September, 1999.
101. **Cengiz Kahraman**, Nihan Çetin, [Fuzzy Future Value and Annual Cash Flow Analyses](#), The Seventh International Workshop on Rough Sets, Fuzzy Sets, Data Mining, and Granular-Soft Computing (RSFDGrC'99), Proceedings, Yamaguchi, Japan, November 9-11, 1999.
102. **Cengiz Kahraman**, Ethem Tolga, [A Fuzzy Multiattribute Evaluation Method](#), 7th European Congress on Intelligent Techniques and Soft Computing (EUFIT'99), p. 293 in the Abstracts Book and full paper in Proceedings on CD-ROM, Aachen, Germany, September 13-16, 1999.
103. **Cengiz Kahraman**, [Selecting an Information System Using Fuzzy Concept](#), RASC'98 Recent Advances in Soft Computing'98, De Monfort University, Leicester, United Kingdom, 1998.

104. **Cengiz Kahraman**, Ethem Tolga, [Group Decision Making for the Selection Among CIM Systems Using Fuzzy Concept](#), ASC'98 IASTED International Conference on Artificial Intelligence and Soft Computing, Cancun/Mexico, Proceedings, pp. 465-468, 1998.
105. **Cengiz Kahraman**, Ethem Tolga, [Selecting an Information System Using Fuzzy Concept](#), ICAIE'98 International Conference on Artificial Intelligence for Engineering, Wuhan/China, Proceedings, pp. 429-432, 1998.
106. **Cengiz Kahraman**, Ethem Tolga, [Nuclear Energy and Safety Assessment](#), FLINS'98 3rd International Fuzzy Logic and Intelligent Technologies for Nuclear Science and Industry, Antwerp/Belgium, Proceedings, pp. 345-352, 1998.
107. **Cengiz Kahraman**, Ethem Tolga, [Fuzzy Decision Making Under Uncertainty](#), IEA-98-AIE the 11th International Conference on Industrial and Engineering Applications of Artificial Intelligence and Expert Systems, Benicassim-Castellon/Spain, Proceedings, pp. 263-271, 1998.
108. **Cengiz Kahraman**, Ziya Ulukan, Murat Baskak, [Discounting Fuzzy Geometric and Trigonometric Cash Flows](#), CCM'98 International Conference on Contribution of Cognition to Modelling, Lyon/France, Proceedings, 2.1-2.4, 1998.
109. **Cengiz Kahraman**, Ethem Tolga, [Data Envelopment Analysis Using Fuzzy Concept](#), ISMVL'98 28th IEEE International Symposium on Multiple-Valued Logic, Fukuoka/Japan, Proceedings, pp. 338-343, 1998.
110. **Cengiz Kahraman**, Ziya Ulukan, Ethem Tolga, [Fuzzy Mathematical Programming Using Data Envelopment Analysis](#), IAMOT'98, International Conference on Management of Technology, Orlando-Florida/USA, Abstracts Book p.154, CD-ROM pp. 1922-1931, 1998.
111. **Cengiz Kahraman**, Ziya Ulukan, Ethem Tolga, [Combining Equal-Life Multilevel Investments Using Fuzzy Dynamic Programming](#), AFSS'98 the 3rd Asian Fuzzy Systems Symposium, Kyungnam University-Masan/Korea, Proceedings, pp. 347-351, 1998.
112. **Cengiz Kahraman**, Ziya Ulukan, Ethem Tolga, [Selection Among Advanced Manufacturing Technologies Using Fuzzy Data Envelopment Analysis](#), 4th International Conference on Fuzzy Sets Theory and Its Applications, Liptovsky Mikulas/The Slovak Republic, Abstracts Book, p. 58, 1998.
113. **Cengiz Kahraman**, Ziya Ulukan, [Stochastic Capital Rationing Using Fuzzy LP](#), IMS'98 the 2nd International Symposium on Intelligent Manufacturing Systems, Sakarya, Proceedings, V.2, pp. 1005-1012, 1998.
114. **Cengiz Kahraman**, Ziya Ulukan, Ethem Tolga, [A Fuzzy Weighted Evaluation Method Using Objective and Subjective Measures](#), EIS'98 International ICSC Symposium on Engineering of Intelligent Systems, University of La Laguna Tenerife/Spain, Proceedings, pp. 57-63, 1998.
115. **Cengiz Kahraman**, Ziya Ulukan, Ethem Tolga, [A Fuzzy Weighted Evaluation Method Using Objective and Subjective Measures](#), EIS'98 International ICSC

Symposium on Engineering of Intelligent Systems, University of La Laguna Tenerife/Spain, Proceedings, pp. 57-63, 1998.

116. **Cengiz Kahraman**, Ziya Ulukan, Ethem Tolga, [Fuzzy Logic in Reliability Theory](#), IFAC/IFIP Conference on Management and Control of Production and Logistics (MCPL'97), Campinas SP/Brazil, Proceedings, pp. 759-762, 1997.
117. **Cengiz Kahraman**, Ziya Ulukan, [Continuous Compounding in Capital Budgeting Using Fuzzy Concept](#), The 6th IEEE International Conference on Fuzzy Systems (FUZZ-IEEE'97), Bellaterra/Spain, Proceedings, pp. 1451-1455, 1997.
118. **Cengiz Kahraman**, Ziya Ulukan, [Fuzzy Cash Flows Under Inflation](#), The 7th International Fuzzy Systems Association World Congress (IFSA'97), University of Economics, Prague/Czech Republic, Proceedings, V. 4, pp. 104-108, 1997.
119. **Cengiz Kahraman**, Ziya Ulukan, Ethem Tolga, [Fuzzy Payback Period Analysis for the Technologies with Rapid Changes](#), The Production and Operations Management Society and the University of Wollongong-Australia Meeting (POMS-Australia Meeting), Wollongong/Australia, Abstracts, p. 26, 1996.
120. **Cengiz Kahraman**, Ziya Ulukan, Bülent Cerit, [Break-Even Analysis Using Fuzzy Concept](#), The 3rd Congress of the International Society of Fuzzy Management and Economics (SIGEF'96), Buenos Aires/Argentina, Paper No: 2.13, 1996.
121. **Cengiz Kahraman**, Ethem Tolga, Ziya Ulukan, [Fuzzy Justification of Advanced Manufacturing Technologies](#), The 9th International Working Seminar on Productions Economics, Igl's-Innsbruck/Austria, Proceedings, V. 2, pp. 595-617, 1996.
122. **Cengiz Kahraman**, Ethem Tolga, Ziya Ulukan, [Fuzzy Multi-Objective Linear Programming Based Justification of Advanced Manufacturing Systems](#), International Engineering Management Conference (IEMC'96), Vancouver B.C./Canada, Proceedings, pp. 226-232, 1996.
123. **Cengiz Kahraman**, Ethem Tolga, Ziya Ulukan, [Fuzzy Analyses in Capital Budgeting](#), Information Processing and Management of Uncertainty in Knowledge-Based Systems (IPMU'96), Granada/Spain, Proceedings, V. 3, pp. 1495-1500, 1996.
124. **Cengiz Kahraman**, Ethem Tolga, Ziya Ulukan, [Fuzzy Opportunity Costs for Flexibility Quantification](#), Information Processing and Management of Uncertainty in Knowledge-Based Systems (IPMU'96), Granada/Spain, Proceedings, V. 1, pp. 215-220, 1996.
125. **Cengiz Kahraman**, Ethem Tolga, Ziya Ulukan, [A New Technique to Employ Membership Functions in Control Charts](#), The 5th International Conference on Computer Integrated Manufacturing and Automation Technology (CIMAT'96), Proceedings, Grenoble/France, pp. 324-328, 1996.
126. **Cengiz Kahraman**, Ethem Tolga, Ziya Ulukan, [Fuzzy Discounted Cash Flow Techniques](#), The 5th International Conference on Computer Integrated Manufacturing and Automation Technology (CIMAT'96), Grenoble/France, Proceedings, pp. 65-69, 1996.

127. **Cengiz Kahraman**, Ethem Tolga, Ziya Ulukan, [A Fuzzy Outranking Model to Justify Advanced Manufacturing Technologies](#), International Conference on Technology Management: University/Industry/Government Collaboration (UnIG'96), Istanbul, Proceedings, pp. 630-635, 1996.
128. **Cengiz Kahraman**, Ethem Tolga, [A Multi-Attribute Fuzzy Scoring Model to Select the Best Technology](#), The 5th International Conference on Management of Technology, Miami-Florida/USA, Proceedings, pp. 567-576, 1996.
129. **Cengiz Kahraman**, Ziya Ulukan, Mehmet Mutlu Yenisey, Ethem Tolga, [Fuzzy Economic and Strategic Design](#), The 5th IEEE International Conference on Emerging Technologies and Factory Automation, Kauai/Hawaii, Proceeding pp. 518-522, 1996.
130. **Cengiz Kahraman**, Ethem Tolga, Ziya Ulukan, [Fuzzy Flexibility Analysis in Automated Manufacturing Systems](#), INRIA/IEEE Conference on Emerging Technologies and Factory Automation, Paris/France, Proceedings, V. 3, pp. 299-307, 1995.
131. **Cengiz Kahraman**, Ethem Tolga, Ziya Ulukan, [Using Triangular Fuzzy Numbers in the Tests of Control Charts for Unnatural Patterns](#), INRIA/IEEE Conference on Emerging Technologies and Factory Automation, Paris/France, Proceedings, V. 3, pp. 291-298, 1995.
132. **Cengiz Kahraman**, Ethem Tolga, [The Effects of Fuzzy Inflation Rate on After-Tax Calculations](#), The 3rd Balkan Conference on OR, Thessaloniki/Greece, Abstracts, p. 154, 1995.
133. **Cengiz Kahraman**, [A Realistic Approach to Evaluate an Investment Project Under Uncertainty](#), The 2nd Balkan Conference on OR, Thessaloniki/Greece, Abstracts, p. 98, 1993.
134. Ethem Tolga, **Cengiz Kahraman**, A. Kahraman, [Quality Control Costs under Inflation](#), Productivity and Quality Management Frontiers-IV (Proceedings of the Fourth International Conference on Productivity and Quality Research), Vol.1, pp. 408-415, February 9-12, Miami-Florida-USA, 1993.
135. Ethem Tolga, **Cengiz Kahraman**, [Multi-Criteria Investment Analysis under Uncertainty](#), in Proceedings of Portland International Conference on Management of Engineering and Technology (as an abstract), p.396, October 27-31, Portland-Oregon-USA, 1991.

### **National Symposium Papers:**

1. Turanoğlu E., Kahraman, C., Bulanıklık Altında Kabul Örnekleme, 32. Yöneylem Araştırması ve Endüstri Mühendisliği Kongresi YAEM'2012, Doğu Üniversitesi, Bildiri Özetleri Kitapçığı, sayfa 74, 20-22 Haziran, İstanbul, Türkiye.
2. Tolga, **Cengiz Kahraman**, Alternatif Bulanık Sayı Sıralama İçeren ELECTRE Yöntemi İle Araştırma Geliştirme Projelerinin Seçimi, Yöneylem Araştırması ve

Endüstri Mühendisliği 30. Ulusal Kongresi (YAEM2010), 30 Haziran – 2 Temmuz 2010, Sabancı Üniversitesi, Bildiri Özetleri Kitabı, sayfa 385.

3. Abdullah Çağrı Tolga, Fatih Tüysüz, **Cengiz Kahraman**, Konum Seçim Problemleri için Bulanık Gerçek Opsiyonlarla Çok Ölçütlü Karar Verme Yaklaşımı, Yöneylem Araştırması ve Endüstri Mühendisliği 30. Ulusal Kongresi (YAEM2010), 30 Haziran – 2 Temmuz 2010, Sabancı Üniversitesi, Bildiri Özetleri Kitabı, sayfa 397-398.
4. Hülya Behret, **Cengiz Kahraman**, Satış Sezonu Öncesi Birden Çok Sipariş Dönemi İçeren Bulanık Tek-Dönemli Stok Kontrol Modeli, Yöneylem Araştırması ve Endüstri Mühendisliği 30. Ulusal Kongresi (YAEM2010), 30 Haziran – 2 Temmuz 2010, Sabancı Üniversitesi, Bildiri Özetleri Kitabı, sayfa 424-425.
5. İhsan Kaya, **Cengiz Kahraman**, Asimetrik Toleranslar ve Bulanık Mantık Çerçevesinde Süreç Yeterlilik Analizi, Yöneylem Araştırması ve Endüstri Mühendisliği 30. Ulusal Kongresi (YAEM2010), 30 Haziran – 2 Temmuz 2010, Sabancı Üniversitesi, Bildiri Özetleri Kitabı, sayfa 362.
6. Selcuk Cebi, Metin Celik, **Cengiz Kahraman**, **Gemi Sistemleri İçin Entegre Bakım-Onarım Yönetimi Gereksiniminin Analizi**, Hava Harp Okulu Öğrenci Sempozyumu-Karar Destek Sistemleri, 15-16 MAYIS 2008.
7. Sezgin Kılıç, **Cengiz Kahraman**, **Araç Rotalama Problemi için Olabilirlik Programlama Modeli ve Karınca Kolonisi Optimizasyonu**, Yöneylem Araştırması ve Endüstri Mühendisliği 28. Ulusal Kongresi (YA/EM'08), GSÜ, 30 Haziran – 2 Temmuz 2008.
8. Selçuk Çebi, İrem Uçal, **Cengiz Kahraman**, **Aksiyomlarla Tasarım İlkelerini Kullanarak Binek Otomobiller İçin Gösterge Tasarımı**, 14. Ulusal Ergonomi Kongresi Bildiriler Kitabı, 555-561, 30 Ekim-1 Kasım 2008 Trabzon.
9. Selçuk Çebi, Metin Çelik, **Cengiz Kahraman**, **Analitik Ağ Süreci Yöntemi Üzerine Bulanık Bilgi Aksiyomu Açılımı**, Yöneylem Araştırması ve Endüstri Mühendisliği 28. Ulusal Kongresi (YA/EM'08), GSÜ, Haziran – 2 Temmuz 2008.
10. A. Çağrı Tolga, **Cengiz Kahraman**, **Yazılım Geliştirme Projelerinin Gerçek Opsiyon Değerleme Modeliyle Çok Ölçütlü Bulanık Değerlemesi**, Yöneylem Araştırması ve Endüstri Mühendisliği 28. Ulusal Kongresi (YA/EM'08), GSÜ, Haziran – 2 Temmuz 2008.
11. **Cengiz Kahraman**, İhsan Kaya, **Bulanık Parametreler İçin Süreç Yeterlilik İndekslerinin Analizi**, Yöneylem Araştırması ve Endüstri Mühendisliği 28. Ulusal Kongresi (YA/EM'08), 30 Haziran – 2 Temmuz 2008, Galatasaray Üniversitesi.
12. İhsan Kaya, **Cengiz Kahraman**, **Altı Sigma Yaklaşımında Bulanık Süreç Yeterlilik Analizi**, Yöneylem Araştırması ve Endüstri Mühendisliği 28. Ulusal Kongresi (YA/EM'08), 30 Haziran – 2 Temmuz 2008, Galatasaray Üniversitesi.
13. İhsan Kaya, **Cengiz Kahraman**, **Süreç Yeterlilik İndeksleri İçin Bulanık Kestirim Yaklaşımı**, Yöneylem Araştırması ve Endüstri Mühendisliği 28. Ulusal Kongresi (YA/EM'08), 30 Haziran – 2 Temmuz 2008, Galatasaray Üniversitesi.

14. İhsan Kaya, **Cengiz Kahraman**, **Bir Üretim Ortamında Hazırlık Sürelerinin Düşürülmesi için Çözüm Önerileri**, VI. Ulusal Üretim Araştırmaları Sempozyumu, 22-23 Eylül 2006, 599-609, İstanbul Kültür Üniversitesi.
15. **Cengiz Kahraman**, H. Kahraman, **Bulanik Analitik Hiyerarşi Metodu ile Türk Silahlı Kuvvetlerinde Piyade Tüfegi Seçimi**, 2000'li Yılların Piyadesi Sempozyumu, Bildiriler Kitabı, s. 53, Piyade Okul Komutanlığı, Tuzla İstanbul, 2000.
16. **Cengiz Kahraman**, **Çok Değişkenli Öğrenme Eğrisi Modellerinde Ergonomik Faktörler**, Ulusal Ergonomi Kongresi, 1997, İstanbul.
17. **Cengiz Kahraman**, Ziya Ulukan, **Bulanık Üstel Düzeltme Yöntemi ile Toplam Verimliliğin Değerlendirilmesi**, 1. Ulusal Üretim Araştırmaları Sempozyumu, İstanbul, Bildiriler Kitabı, S. 280-283, 1997.
18. **Cengiz Kahraman**, Ziya Ulukan, Ethem Tolga, **Bulanık Kisitler Altında Bağımsız Yatırım Fırsatlarının Karşılaştırılması**, YA/EM'96 Yöneylem Araştırması ve Endüstri Mühendisliği 18. Ulusal Kongresi, İstanbul Teknik Üniversitesi, İstanbul, Bildiriler Kitabı, S. 304-307, 1996.
19. **Cengiz Kahraman**, Hasan Eris, **Esnek İmalat Sistemlerinin Çok Ölçütlü Değerlendirilmesinde Analitik Hiyerarşi Prosesi ve Bulanık Kümeler**, YA/EM'96 Yöneylem Araştırması ve Endüstri Mühendisliği 18. Ulusal Kongresi, İstanbul Teknik Üniversitesi, İstanbul, Bildiriler Kitabı, S. 292-295, 1996.
20. **Cengiz Kahraman**, Murat Baskak, **Bulanık Finansman Matematiği**, 1. Sistem Mühendisliği ve Savunma Uygulamaları Sempozyumu, Kara Harp Okulu, Ankara, Bildiriler Kitabı, C. 2, S. 837-849, 1995.
21. **Cengiz Kahraman**, Ethem Tolga, **İleri İmalat Sistemlerinin Değerlendirilmesi Problemine Entropi Esaslı Çok Ölçütlü Bir Yaklaşım**, YA/EM'95 Yöneylem Araştırması ve Endüstri Mühendisliği 17. Ulusal Kongresi, Orta Doğu Teknik Üniversitesi, 1995, Ankara.
22. **Cengiz Kahraman**, Ethem Tolga, **Bulanık Kümelerle Yenileme Analizi**, YA/EM'94 Yöneylem Araştırması ve Endüstri Mühendisliği 16. Ulusal Kongresi, Bilkent Üniversitesi, 1994, Ankara.

### International Books

1. Cengiz kahraman (Editor), **Computational Intelligence Systems in Industrial Engineering: With Recent Theory and Applications**, Atlantis Computational Intelligence Systems, Atlantis press, Vol. 6, 2012, ISBN-10: 9491216767, ISBN-13: 978-9491216763.
2. **Cengiz Kahraman** (Editor), **Fuzzy Multi-Criteria Decision Making Theory and Applications with Recent Developments**, Springer Optimization and Its Applications, Vol. 16, 2008. ISBN: 978-0-387-76812-0.

3. **Cengiz Kahraman** (Editor), [Fuzzy Engineering Economics with Applications](#), Studies in Fuzziness and Soft Computing, Vol. 233, Springer, 2008. ISBN: 978-3-540-70809-4
4. **Cengiz Kahraman** (Editor), [Fuzzy Applications in Industrial Engineering](#), Springer-Verlag, Series: Studies in Fuzziness and Soft Computing, Vol. 201, ISBN: 3-540-33516-1, 2006.
5. **Cengiz Kahraman**, Mesut Yavuz (Editors), [Production Engineering and Management under Fuzziness](#), Springer-Verlag, Series: Studies in Fuzziness and Soft Computing, Vol. 252, ISBN: 978-3-642-12051-0, 2010.
6. **Cengiz Kahraman**, Başar Öztayşi (Editors), [Supply Chain Management under Fuzziness](#), Series: Studies in Fuzziness and Soft Computing: Recent Developments and Techniques, Vol. 313, 2014, Springer Verlag, ISBN 978-3-642-53938-1.
7. **Cengiz Kahraman**, Sezi Cevik Onar (Editors), [Intelligent Techniques in Engineering Management: Theory and Applications](#), Springer, 2015.

### **Editorial Board Membership to International Journals**

- 1- Journal of Human and Ecological Risk Assessment (Taylor and Francis),
- 2- International Journal of Computational Intelligence Systems (Atlantis Press),
- 3- New Mathematics and Natural Computation (World Scientific),
- 4- Journal of Enterprise Information Management (Emerald),
- 5- Technological and Economic Development of Economy, (Taylor and Franchis) (Baltic Journal on Sustainability (Vilnius Gediminas Technical University),
- 6- International Journal of Strategic Property Management (Taylor and Franchis) (Vilnius Gediminas Technical University),
- 7- Journal of Multiple Valued Logic and Soft Computing (Oldcity Publishing)
- 8- Journal of Risk Analysis and Crisis Response (China Society for Risk Analysis)
- 9- Turkish Journal of Fuzzy Systems (Turkish Fuzzy Systems Association)
- 10- International Journal of Energy Optimization and Engineering (IJEQE) (IGI Global)
- 11- Engineering Economics (Kaunas University of Technology)
- 12- Journal of Intelligent and Fuzzy Systems (IOS Press)
- 13- Knowledge-Based Systems (Elsevier)

14-Journal of intelligent systems,

15-International Journal of Fuzzy Systems

16- International Journal of Information Engineering (American V-King Scientific Publishing)

17-Journal of Military and Information Science

18-Journal of Naval Science and Engineering-Turkish Naval Academy

19. Computational Intelligence and Complexity (Springer)