

Consensus in Fuzzy Decision Making: Models and Challenges

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Abstract: We analyze the fuzzy decision making models as to develop intelligent decision making processes in the real world. In particular we focus on the soft consensus models by analyzing an overview of consensus models based on soft consensus measures, showing the pioneering and prominent papers, the main existing approaches and the new trends and challenges.



Bio: Prof. Dr. Enrique Herrera-Viedma was born in Spain, in 1969. He received the M.Sc. and Ph.D. degrees in computer science from the University of Granada, Granada, Spain, in 1993 and 1996, respectively. He is currently a Professor of Computer Science with the Department of Computer Science and Artificial Intelligence, University of Granada, and also the new Vice-President for Research. Around 27 of his papers are classed as highly cited in the Thomson Reuters database as well as being in the top 1% of the most cited papers in its field (Computer Science and Engineering). His h-index is 54 according to the Web of Science with more than 11.000 citations received and 69 according to Google Scholar with more than 20.500 citations received and he is ranked in the top 1% of the Most Cited Scientists in Engineering according to the Essential Science Indicators of Thomson.

He has recently published in Science [339:6126, p. 1382, 2013] on the new role of the public libraries and he has been identified in the list of Highly Cited Researchers published in 2014, 2015, and 2016 by Shangai Center and Thomson Reuters in the categories of Engineering and Computer Science, therefore, being considered one of the world most influential scientific researchers. His current research interests include group decision making, consensus models, linguistic modeling, aggregation of information, information retrieval, bibliometric, digital libraries, web quality evaluation, recommender systems, and social media.