QUALITY OF WORKING LIFE IN INDUSTRIES -- A FUZZY ANALYSIS

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In this paper, we carry out a fuzzy analysis of the workers characteristics related to ones work and working conditions in industries. This is achieved by using a fuzzy questionnaire with linguistic terms. For the sake of uniformity, weightages or membership grades are given to those linguistic terms by experts. Using this data, we use Bi-directional Associative Memories (BAM) and Fuzzy Relational Maps (FRM) to study the employees quality of life at his work place. Since the views of workers are the feelings of them at their work place, our approach using fuzzy theory is appropriate. As BAM are used these results give also indirectly the over all satisfaction of the employer in these industries. The questionnaire has over 50 questions with 10 linguistic variables.