FUZZY APPROACH TO THE STRUCTURAL FLEXIBILITY FOR HEAT INTEGRATED DISTILLATION COLUMNS

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In this note we give a fuzzy analysis of the structural flexibility for Heat Integrated distillation columns, since the Heat integration can have different indices for structural flexibility. The case with which we can evaluate the flexibility index for a system of Heat Integrated columns depends on the structure of the process. We take the different structures and experts opinion are sought about the flexibility index. Then the data is converted into a fuzzy cognitive map. The hidden pattern about the equilibrium of the structure is obtained using these Fuzzy Cognitive Maps.