

INFLUENȚA COEFICIENȚILOR DE IMPORTANTĂ ASUPRA COMPONENTEI NUCLEULUI TIPOLOGIC ȘI ASUPRA VALORII JOCULUI

THE IMPORTANCE COEFFICIENTS INFLUENCE ON THE TYPOLOGICAL NUCLEUS COMPONENTS AND ON THE GAMES VALUE

Drd.ing. Ionuț Adrian CHIȘ
Universitatea Tehnică din Cluj-Napoca

Abstract: Production Task analysis is the first and perhaps the most important step in the approach to building a flexible manufacturing system (FMS). This stage involves selecting the benchmarks considered to be significant in terms of criteria which determine approach / distance between benchmarks, using a well-defined algorithm. In this algorithm the process starts from the above mentioned criteria, each criterion is granted an importance grade through some coefficients, then the concordance and affinity coefficients matrices are constructed and the FMS's functioning is simulated using the Game Theory (GT).

Keywords: affinity matrix, concordance matrix, importance coefficients, simulation