عنوان مقاله:

Learning FCM by Data Mining in a Purchase System

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خلاصه مقاله:

Fuzzy Cognitive Maps (FCMs) have successfully been applied in numerous domains to show the relations between essential components in complex systems. In this paper, a novel learning method is proposed to construct FCMs based on historical data and by using meta-heuristic: Genetic Algorithm (GA), SimulatedAnnealing (SA), and Tabu Search (TS). Implementation of the proposed method has demonstrated via real data of a purchase system in order to simulate the systems behavior.

کلمات کلیدی:

Fuzzy Cognitive Map (FCM); Learning; System Dynamics (SD); Data Mining