

عنوان مقاله:

A New Model for Improving Medical Question Answering Systems Based on Ant Colony Algorithm

محل انتشار:

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خلاصه مقاله:

Using heuristic algorithms is a suitable approach for solving an optimization problem. In this paper, an improved version of ant colony algorithm was provided so as to enhance the accuracy of question answering systems. This modified version proposed a revision having a combined algorithm of different populations of ants and properties of binary ant colony. The effectiveness of the proposed method was considerable, compared with the data set containing 300 standard medical question answering systems. The results also showed and confirmed that this prepared algorithm had a great efficiency.

کلمات کلیدی:

Question answering system; Ant colony algorithm; Feature selection; Optimization

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