

Modeling of the behavior of users scrolling through web page categories by the ant colony algorithms

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Abstract Today the assortment of Web pages is one of the basic techniques for the categories of information on the Web, but the main issue is that it can't be with procedures that are based on content analysis and processing of the large volume of work Web pages category, and the main reason for this is because the cost of processing and computational processes for text pages, this makes it a very high. That's why the precision in categories of Web pages of the very important issues and direct effect on the accuracy of the information resented to users are the reason we are in this new approach to research categories of Web pages using the criterion collection offers users behaviors and thereby the amount of computational cost for the desired information by changing the attribute space of words. On the other hand is one of the main goals that follow Web pages with categories provide information based on the users' tastes and interests is why precision in categories of Web pages of the very important issues and direct effect on the accuracy of the information provided to the users. And because this category of our classification based on users' interests both groups did provide information to interested users much faster and with less time and cost of computing done as per survey results determine the accuracy of classification using a new cost function provided by genetic algorithm and parallel and series solution of the modified algorithm.

Keywords : Keyword: Web mining, Data maning, Categories Web, ACO, genetic algorithm.

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