Abstract

The World Wide Web (WWW) is rapidly growing on all aspects and is a massive, explosive, data resource in the world. In information retrieval approach web Search engines are predominant tools for finding and getting access to the contents of web. The primary goal of Search engine is to provide relevant information to the users according to their needs, Usually Search engines gives large result set for a user's query. To limit the result list, it is necessary to assign ranking the web pages in an efficient and effective manner. Artificial Bee Colony (ABC) is one of the new approaches used to solve optimization problems. This paper proposes Artificial Bee Colony (ABC) approach as a new method for web mining particularly in ranking web pages. It considers users interest, total web site linkage and growth analysis rate are used to assign rank the web pages. Proposed ABC approach for ranking web pages is implemented and tested on real datasets. The experimental results shows efficiency of the proposed method compared with tradition page Rank Algorithm.

References

- Laxmi Choudhary, Bhawani Shankar Burdak. 2008,"Role of Ranking...
Artificial Bee Colony (ABC) Approach for Ranking Web Pages

- Manju Patel1 and Shweta Modi. 2011, &quot;A Survey on Distributed Page Ranking&quot;, International Journal of Chemistry and Applications. ISSN 0974-3111 Volume 3, pp. 201-208
- D. Karaboga, b. Akay. 2005, &quot;Artificial bee colony (abc), harmony search and bees algorithms on Numerical optimization&quot;, Erciyes University, the dept. Of computer engineering, 38039, melikgazi, kayseri, turkiye
- www. alexa. com

Index Terms

Computer Science
Artificial Intelligence

Keywords
<table>
<thead>
<tr>
<th>WWW</th>
<th>Search engine</th>
<th>Artificial Bee Colony (ABC)</th>
<th>User interest</th>
<th>Total web site growth</th>
</tr>
</thead>
<tbody>
<tr>
<td>linkage</td>
<td>analysis rate</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>