

Applying genetic algorithm to the text search problem

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Abstract: This topic focuses on researching and applying Genetic Algorithms to optimize the information retrieval process in large texts. The practical context shows that managing and exploiting textual data is becoming increasingly important, especially in the field of information technology. The objective of this topic is to build a more efficient text search system by using a machine learning method based on genetic algorithms. Through experimentation and evaluation, we hope to provide users with accurate and fast search results, contributing to improving the user experience of modern search services.

Keywords: Genetic algorithm, Text search, Problem solving