Abstract

This work addresses the enhancement of the functionality of Interactive Top-k Spatial Keyword queries by proposing technique for reducing query response time for the user by giving the facility of picking multiple tuples per round during the interaction. Dataset-based observational analysis verifies that the theoretical finding by several rounds of interactions and the accuracy of findings in spatial queries can be greatly enhanced.Major emphasis was paid to queries on spatial items connected with textual knowledge by a series of keywords recently, therefore search strategy is proposed to efficiently limit the search space through database query, and to improve its performance and query response time.