Dynamic Compressed Data Structures

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Deadline for manuscript submissions:
closed (31 January 2022)

Message from the Guest Editors

Dear Colleagues,

We invite you to submit your latest research on the topic to this Special Issue on dynamic compressed data structures. Potential topics include but are not limited to: computation over compressed data, succinct and compressed dynamic sequences, dictionaries, graphs, and geometric data structures, implementations and libraries, benchmarks of existing implemented compressed data structures, cache-efficient and/or external-memory dynamic compressed data structures, computation and update of compressibility measures under edit operations, and sensitivity of compressibility measures under edit operations. Surveys on the topic are also welcome.

Special Issue

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Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

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