

Space-economical graph algorithms

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We consider a RAM-like model of computation that features read-only input, read-write working space of limited size, and write-only output. The talk describes techniques, algorithms and data structures geared towards this model and mainly for graph problems. It reports on ongoing joint research with Amr Elmasry and Frank Kammer. After repeating basic definitions, it continues a talk given by the speaker on 11.02.14.