

DISTRIBUTION AND MOMENTS OF THE OPTIMAL MULTI-PIVOT-QUICKSORT

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Multi-pivot quicksort algorithms differ by the way the partitioning is done. Of great importance are the strategies that minimize the expected number of key comparisons among all strategies. In this talk we focus on properties of the limiting distribution. Moreover, we present how to compute moments of this distribution for a given number of pivot elements. The talk is based on a joint work in progress with Cecilia Holmgren.