



| Deterministic selection |  |
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| - Homework: <br> analyze with groups of 4 elements and groups of 6 elements. <br> - Observe that we canget deterministic variant of quicksort! <br> "Can use as a 6 Cack-6ox $O(n)$ partitioning into 2 equal parts. <br> "We get recurrence $\mathcal{T}(n)=2 \mathcal{T}(n / 2)+\Theta(n)$, giving us $\Theta(n(g n)$ total running time. <br> " (do you think it will work well in practice ??) |  |
|  | 60 |

