

NTIN066 - practicals 7

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- 1. Prove that for every cache size C and every $\epsilon > 0$, there exists a sequence of requests for which $T_{LRU} \geq (1 - \epsilon) \cdot C \cdot T_{OPT}$.**
- 2. Prove that if H is (k, c) -independent for $k > 1$, then it is also $(k - 1, c)$ -independent**
- 3. Prove that if H is $(2, c)$ -independent, then it is c -universal.**