

layer partition

after request to page 6

layers	L0	L1	L2	L3
pages	1,3	\emptyset	4,2,5	6

1,3 are for sure not in OPT's cache.

unrevealed pages revealed pages

6 is for sure in OPT's cache, while 4,2,5 only might be in cache.

OPT (LFD)

requests σ		4	2	4	5	6	4	1	2	1	6	2	4
cache content	—	4	4	4	4	4	4	1	1	1	1	1	4
	—	—	2	2	2	2	2	2	2	2	2	2	2
	—	—	—	—	5	6	6	6	6	6	6	6	6

Numbers enclosed in a square indicate a cache miss.