

## layer partition

after request to page 5 at time  $t=7$

layers	L <sub>0</sub>	L <sub>1</sub>	L <sub>2</sub>	L <sub>3</sub>
pages	$\emptyset$	6,1,3,2	$\emptyset$	4,5
created at time $t$	—	1	—	6

The empty set in L<sub>0</sub> does not affect the v-value.

No new layer is created at time  $t=7$ .

Recall that a new layer is only created if we request a page from L<sub>0</sub>. Since page 5 was in L<sub>2</sub> no new layer is created.

## TStamp

layer L<sub>1</sub>      layer L<sub>3</sub>

array index	0	1	2
$t$	1	6	—
$v$	1	2	—

birth array

The  $v$ -values are updated.

L<sub>1</sub> is preceded by no and L<sub>3</sub> by one empty layer.

lastRequest array

page	1	2	3	4	5	6
last request	3	5	4	6	7	2

entry for page 5 is updated

The box shows how TStamp translates the layer partition.