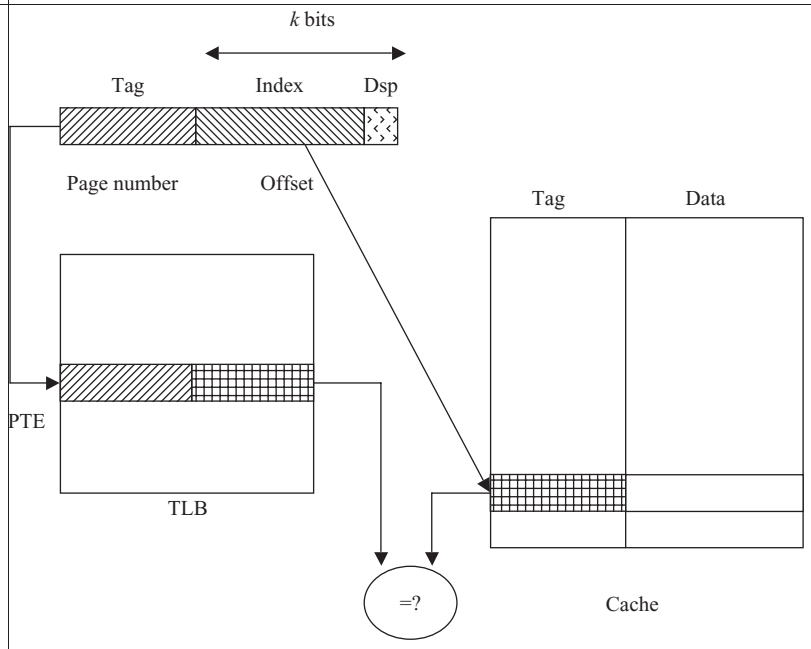
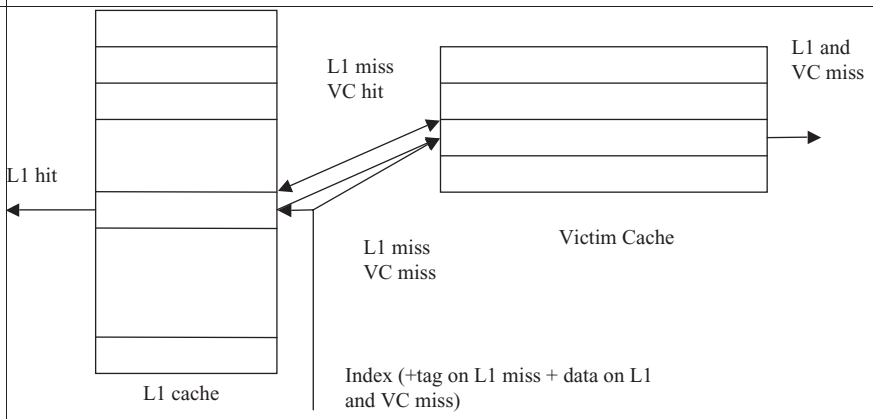


Convert Art

Figure 06-01.



Convert Art

Figure 06-02.

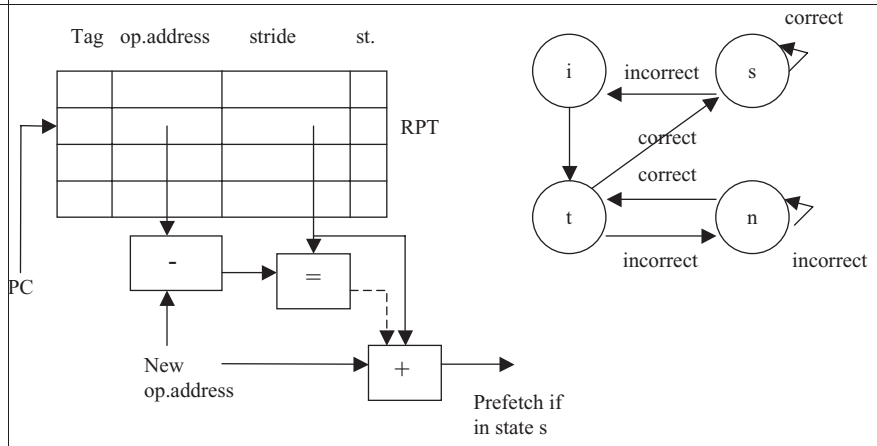
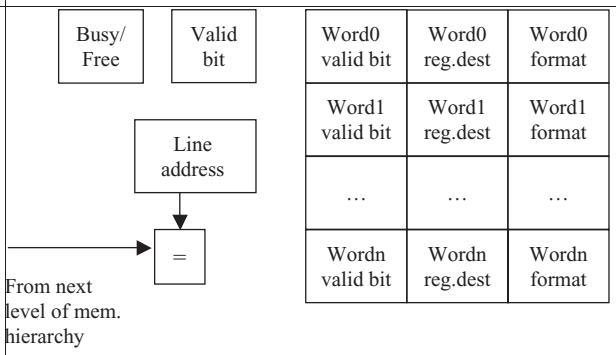


Figure 06-04.

Convert Art



Convert Art

Figure 06-05.

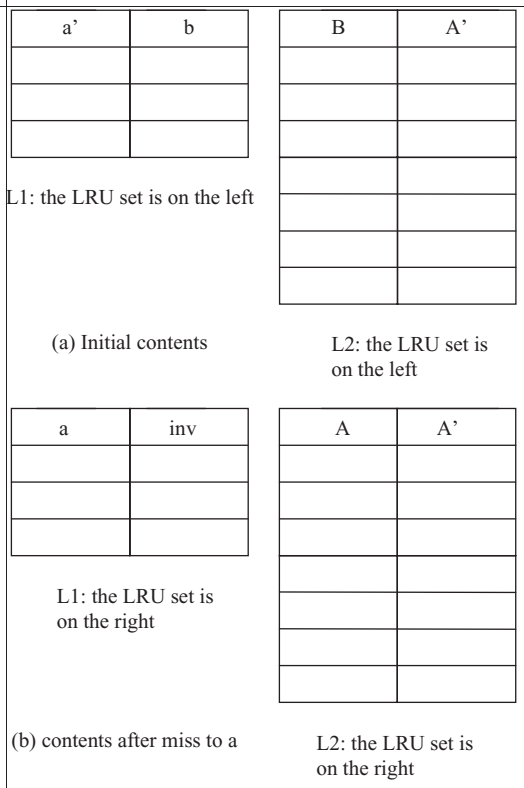
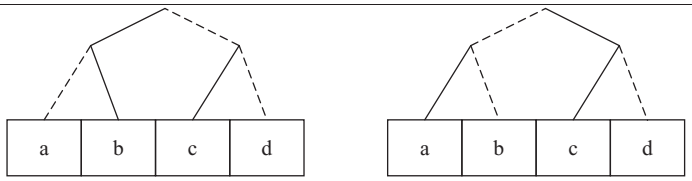


Figure 06-06.

convert Art



(a) Corresponds to a cache initially empty and the string of references "bcad".

MRU path

(b) The next reference is to "b". If the next reference is a miss, "c" will be the victim

In this example, the algorithm gives the same result as true LRU. But the same tree would have been built if the original reference stream were "bacd" and "c" would still have been replaced while in true LRU it would have been "a".

Convert Art

Figure 06-07.

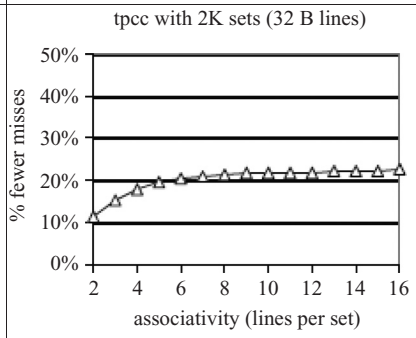
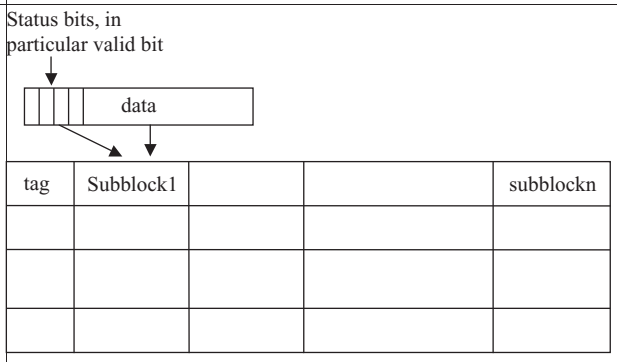


Figure 06-08.

Convert + Edit Art



Convert Art

Figure 06-09.

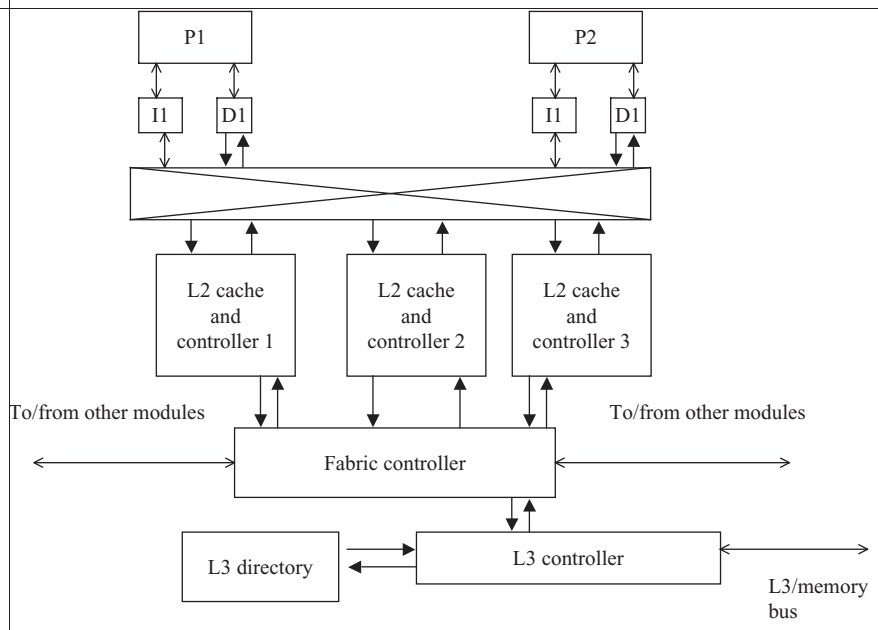
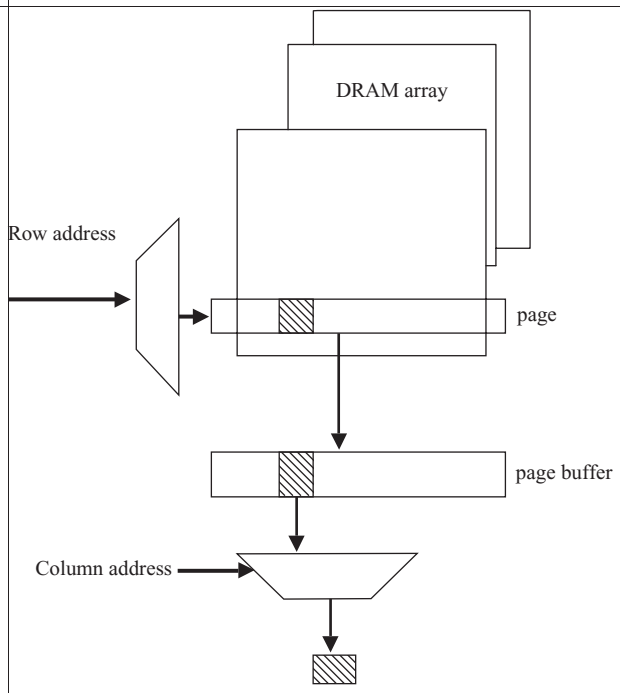


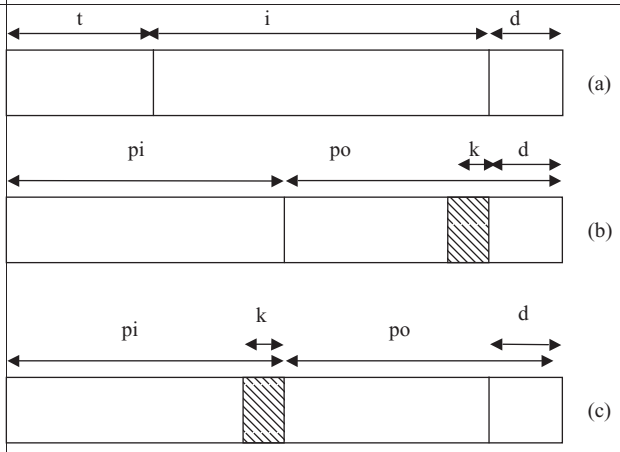
Figure 06-10.

Convert Art



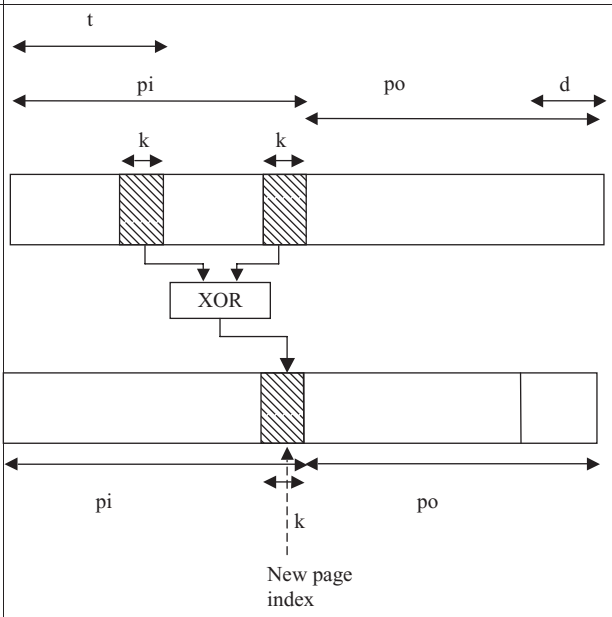
Convert Art

Figure 06-11.



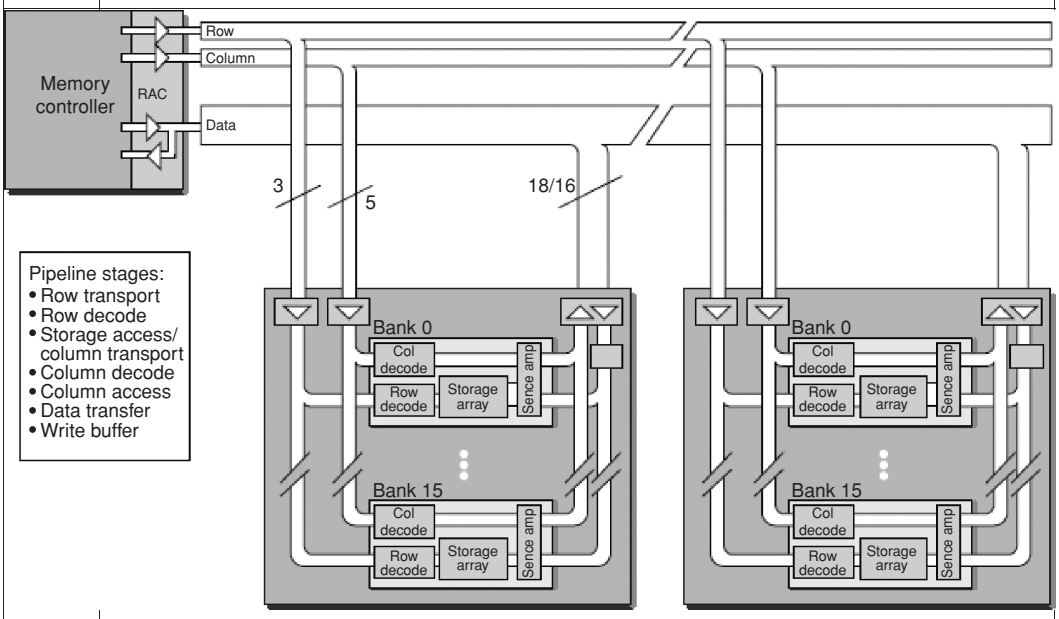
Convert Art

Figure 06-12.



Convert Art

Figure 06-13.



Convert Art

Figure 06-14.