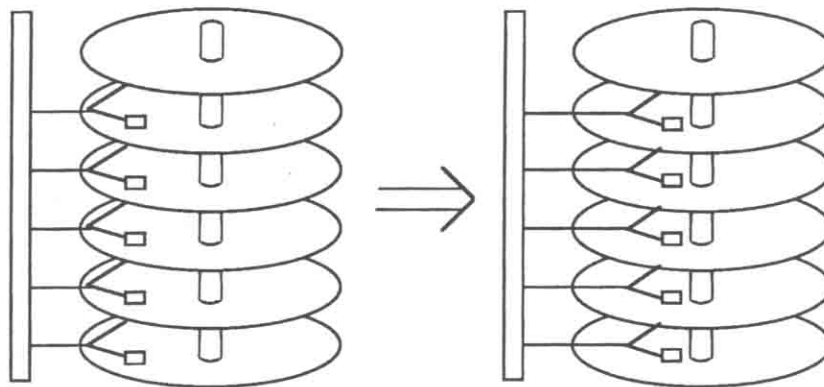
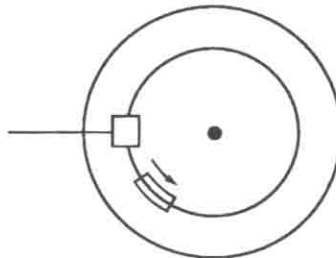


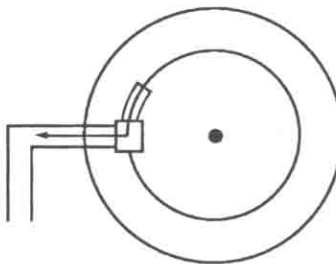
Figure 7-1 The memory hierarchy.



Seek time:
The read/write heads move from one position to another to access data.



Latency:
The read/write head waits while the disk surface rotates and the data area comes under the head.



Data transfer rate:
The rate at which bits are copied to or from the storage medium.

Figure 4.8 Disk access times.

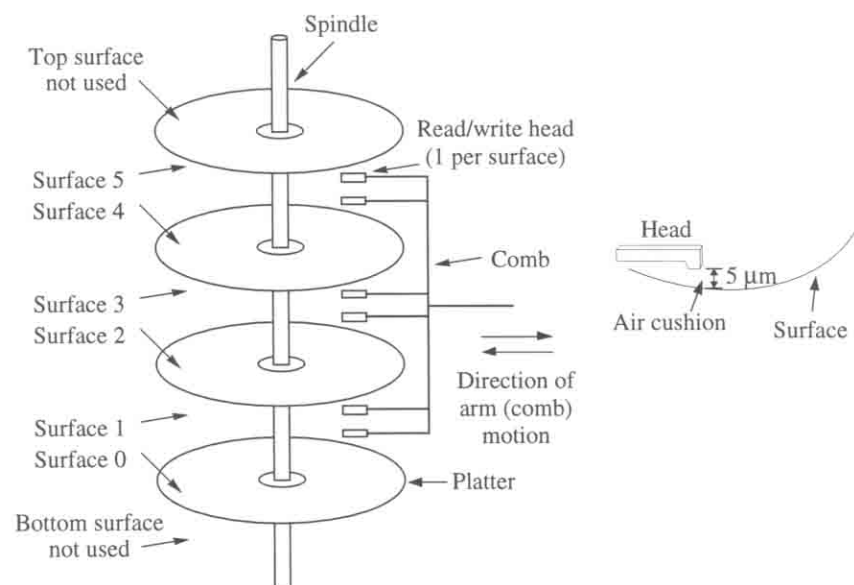


Figure 8-1 A magnetic disk with four platters (Adapted from [Tanenbaum, 1990]).

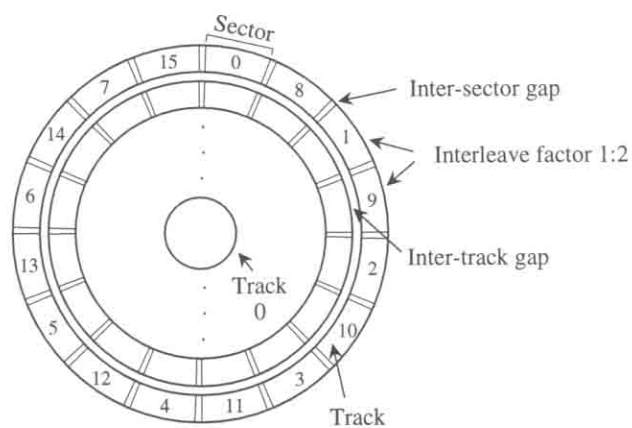


Figure 8-3 Organization of a disk platter with a 1:2 interleave factor.

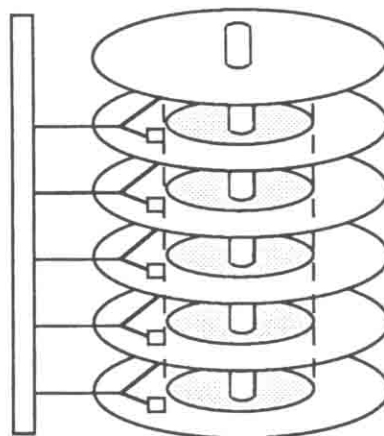


Figure 4.11 A disk pack and a cylinder defined by one position of read/write heads.