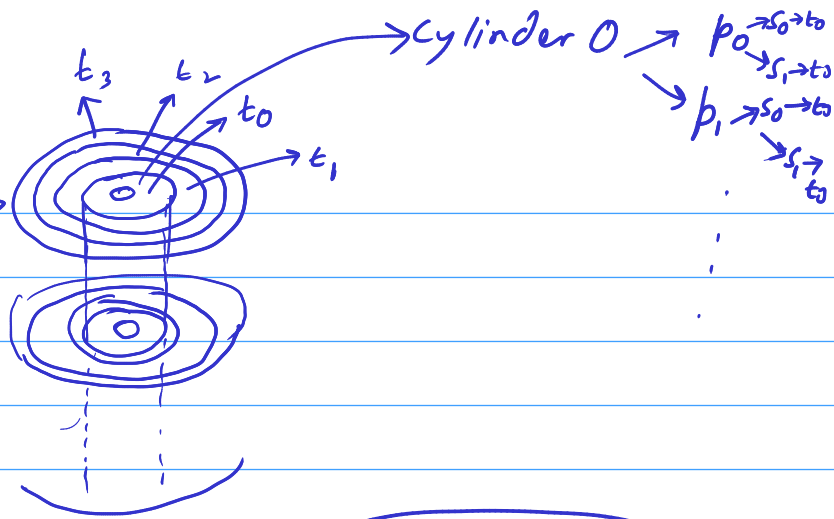$p \rightarrow$ no. of platters.

$t \rightarrow$ no. of tracks / surface
platter.

$A \rightarrow$ no. of sectors / track.

No. of
cylinder $= \underline{t}$

Cylinder 0 $\nearrow$ $p_0 \xrightarrow{\rightarrow s_0 \rightarrow t_0}$
$\searrow p_1 \xrightarrow{\rightarrow s_0 \rightarrow t_0}$
$\xrightarrow{\rightarrow s_1 \rightarrow t_0}$

Size of each cylinder $= \boxed{2p \cdot A \times 2^9 B}$

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

3   1   2

| $x.txt$ | (12) $\rightarrow$ |

directory entry

FAT

0
1
8   ADLL
12   (15)
15   (8)
18