177 magnetic bits a
fixed radial distance
from the center. es the A colinder truck or each cylinder: the same single sided platter Track: one ring of Hard dish drives (6) optical drives Home work: Read Solid-State drives Not のしてな Chlinder cylinder Kend/write hand Lesson 7 5 single-sided hard drive tracks ABC discs

read a had!

(i) More the RW head to the track

@ Wait for the sector you want, potate under reather the RW head want. ROTATIONAL LATENCY 3 ml 1333 S wast half a Cycle. or away,

(2) footes (meter dota) 1) headers (ecc) the data you seek, plus: A sector contains es truck is made of Sec fors - gap track spin eg 7200 spm

en 5400 RPM - 90 rps - 70 spr - 00 11.1 ms 6000 RPM - 10 msec/fer 10800 RPM 7200 RPM > 120 rps -> 180 Mps -120 SEC PEC PEC PECT 8.3 MS 1800 Sec per rev > 5.5 ms

an entire HDD: from the very first sector of the very first trade on the very first platter to the last sector of the last track of the last platter:

1) Locate the First track with "average case seek the"

(2) wait for sector zero "Lalf a cycle"

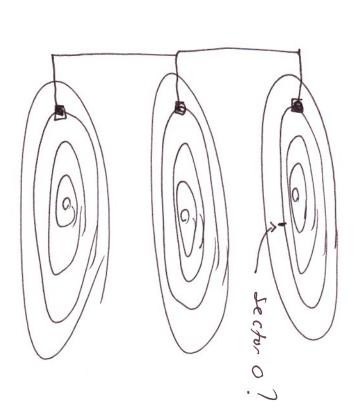
(3) Read that track: all its sectors "one raterior"

(9) Read the Some track for all platter in that save of "

cylinder "two retakens for "

(5) More to rest track

"one operation: it took the to more
and sector & is gone"



6 Repeat steps 2-5 for each track. \$ 20 page 144

