Sessió 11 ex.1,2 - Tema 4

- 1) a) t = 5000 sectores · 512 B/codox · 1TByb = 2.56 MB/s = 0.013 = 1 me.
- b) t = t bloc + t seek + t lateraia = 10+8+2=20 me
- c) Ample de = 2.56 MB = 128 MB & d) texte = tg1+tg2+tgs ? text = 400.103, texte = 8.20+0.4. texte + 4.20) tg2 = 160.103.
- e) Anysla de = 2.56.8.106 = 1024/18/8 8) Lando excr. = 2.56.4.106 = 512 MB/s
 bando lagre = 20.103 = 512 MB/s
- g) Spoodup for = 160 = 8 (8-1).100=20% (6) Goodup for = 80 = 4 -> (4-1).100=300%
- i) Spoodup aplicació = 400 = 2 -> (2-1).100 = 100%
- (2) a) RAID 6: (60-2) ding: 300 GB= 17.400 GB RAID 10: (60/2) disks. 300 GB = 9.000 GB RAID 50: (9=6) discs . 300 GB = 16.200 GB RAID 51: (60/2-1) diesos. 300 GB= 8.700 GB
 - B) 100 MB/s · 60 dises = 6000 MB/s
 - c) 6 GB/8
 - d) RAID 6: 100 MB/8. 58 diases = 5,800 MB/8 RAID10: 100 MB/s . 30 diesor = 3,000 MB/s RAID 50: 100 MB/s. 54 degar = 5.400 MB/s
 - RAID 51:100 HB/4. 29 dieces = 2.900 MB/5
 - e) RAID 6: 100 MB/s. (60/6) 200=1000 MB/s
 - RAID 10:100 HB/s. (60/2) disco = 3.000 MB/s
 - RAID 80:100 HB/s. (60/4) discor = 1.500 HB/s
 - PAID 51: 100 MB/3. (60/4)/2) dieles = 750 MB/s