

12 merge run 1' and run 2"

[1] [3] [4] [5.5] [6.6] [6.6] [7] [88] [8.9] [9]

#if marge passes

- logmy br/M7

= \[\langle \langle y_3 - 1 \frac{11}{3} 7

= [lig_3.67]

= 2

cost.

(passo + 2x # of inargo passes) br = (1 + 2x2) br = 5br

= 5 x 11 = 55 pages

br= 108 pages M = 5 pages pass 0: 1/08 7=22 generate 22 runs each contains 5 pages (except the last run) pass 1: 4-way merge 1227=6 generate 6 runs each 20 pages contains pars 2: 4-way merse [4]=2 general 2 runs each confains 80 page, one contains 28 pags 3: 2-way merge cus # of merse pases / logn-1 m 7 = log4 1087 = \$12.227=3