ار البا البار المار البار الب

دران عالی از الله زور الله و در آیم زیان عالی از الله زور الله خوان الله عالی الله عالی الله خوان الله

Toons = lox/xy+ 90 x K= Woons

K= 10012 , n=1010

1-h,

 $h_1 + (1-h_1) V9 = Y/\xi \rightarrow V \Lambda h_1 = V9/9$ $\longrightarrow h_1 \simeq 9 \Lambda / Y \%$

0/011 0/9AY

Teff = $\frac{Y/\xi}{1/90} \approx 1/150$ $0/9AY + 0/01A(9h_Y + (1-h_X)V^9) = 1/50$ $\longrightarrow 9h_Y + (1-h_Y)V9 \approx 79$ $\longrightarrow V\%h_Y = 24$ $\longrightarrow h_Y = VY/9 1/9$

Cache Size = 256 B Block size = 16 B set pin Juster= Y -> set stres = Y29 = N -> indea= " 9 bit 4 bit Ebit FIFO Soul 19 pisil is locality 1) FFOO - set O way O Miss: FFOO-FFOF/ Y) FFOI -> set O way O Hit r) FF02 -> set 0 way 0 Hit E) FF03 -> set 0 way 0 Hit a) FF04 -> set 0 way 0 Hit 9)5F00 - set 0 way 1 Miss : 5F00-5F0F/ V) 5FOI -> set O way i Hit 1)5FO2 -> set 0 way 1 Hit 9) 5F03 - set0 way 1 Hit 1.) 5F04 -> set 0 way 1 Hit

Hit rate =
$$\frac{\Lambda \times l_o}{l_o \times l_o} = \Lambda_o \%$$

K= 6.000 m= €

mos sols iteration shes: 10000

:, so Usel la core pien iteration so + deus overhead in jest st

دمفت بعری نو دهنی شکل خواهم دود.

orios pist core n bas iteration on the super overhead in cos si

T= 10000 x (100+ 40) = [4, x (0000 = 14x 100 c.c]

To: MAR - PC, PC + PC+1 (count up)

Ti: MBR - M[MAR]

Tz: IR < MBR

T3: ID, MAR ← IR[10:0]

T4: MBR - MEMARJ

T5: BR - MBR+1

To: ACC - BR

Ty: MBR - ACC

T8: M[MAR] < MBR