		direct mapped			fully associative		
padding	mem access 1st 2nd	hi+? M H	<u>b1</u>	0 0x00400000 0x00400000		<u>bloc</u>	<u>k</u> <u>tag</u> Ox 0 2000000 Ox02000000
4	1 s+ 2 n d 1 s+ 2 n d		1.	©x004000000 ©x004000000 ©x00400000 Ox00400000	M M	Ø 1 Ø Ø	0x02000000 0x 0 2000001 0x02000001 0x02000001

direct mapped, 8 lines, 2 words/line: 75% MHHH MTST

direct mapped, 4 lines, 4words/line: 87.5% MHHHHHHHMTSTSTST

repCount 1: 50% 16 accesses, 8 hits, 8 misses

rep Count 2: 75% 32 accesses, 24 hits, 8 misses

rep Count 3: 83.33% 48 accesses, 40 hits, 8 misses

rep Count 4: 87.5% 64 accesses, 56 hits, 8 misses

repCount 5: 90% 80 accesses, 72 hits, 8 misses

Мы ны ны мы мы мы мы мы 1:

2: TTTTTTTTTTTTT In ENANAAHUA

MOTIBO: H. Temporal

24 GRANAMAH

miss rate in relation to repcount: miss rate = misses/total accesses

1 : rate = 8/16 -> 1/2 -> 1/2 x11 x rep Count

2: rate = $8/32 \rightarrow 1/4 \rightarrow 1/2 \times 2$ 3: rate = $8/48 \rightarrow 1/6 \rightarrow 1/2 \times 3$ 4: rate = $8/64 \rightarrow 1/8 \rightarrow 1/2 \times 4$

5: rate = 8/80 -> 1/10 -> 1/2 x15;

miss rate = 1 2xrep Count

MINAKAS 9:

YEYEYEYEYEYEYE

YMOXPEQTIKES ASTOXIES

FLATI NOTE TOY METANOY Step Size OI ANATNOSEIS MEDTOYN SE DIAPOPETIKES
FRAMMES THE Cache MOY DEN EXOYN MPOSMENASTEI ZANA, APA cold Start

MINAKAS 10:

EYTKPOYSHE ASTOXIES

ΓΙΑΤΙ ΑΝΑΓΚΑΖΟΜΑΣΤΕ ΝΑ ΔΙΩΖΟΥΜΕ ΓΡΑΗΜΕΣ (ΠΟΥ ΖΑΝΑΧΡΕΙΑΖΟΝΤΑΙ ΑΡΓΟΤΕΡΑ) ΕΠΕΙΔΗ ΕΡΧΟΝΤΑΙ ΑΛΛΕΣ ΜΕ ΤΟ ΙΔΙΟ LINDEX

AYZANONTAI TO rep Count To hit rate MAPAHENE 50% APA, OXI ME option = 0 To hit rate ENAI 0%

MINAKAS 12:

APIDMOS BESEGN MOSOSTO EVETOXIAS IDIO MOTIBO ME TINAKA 9?

MHMHHHHHHHHHHHHH -> YES

YEYEYEYEYEYEYEYEYE

MINAKAL 13: MOIOITO \$5%, DIAPOPETIKO MOTIBO -> OXI EKHETAANEYIH XPONIKHI TOMIKOTHTAI ANAPOPON

AYZANONTAS TO repcount To hit rate AYZANETAI -> NAI TEINER MPOS TO 100% Breno oti xphsimonologntai 8 ways Ano TA 16 The cache APA ME associativity = 8 Exe To 1010 hit rate