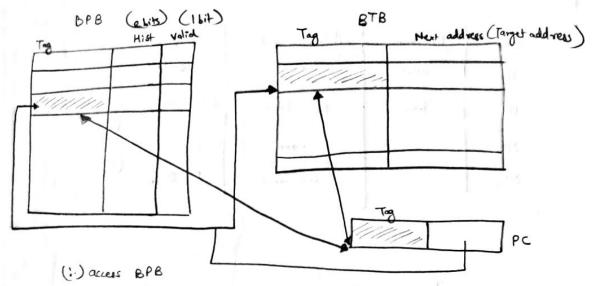


decorpted BTB

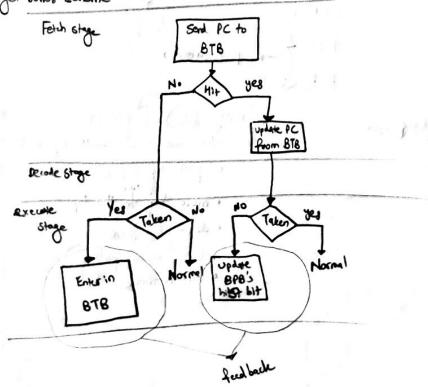


(ii) if pedict T then access BTB

(iii) if match then have target address

[debign choice :- where will realid bit come, BPB or BTB?]

Simple target buffer scheme



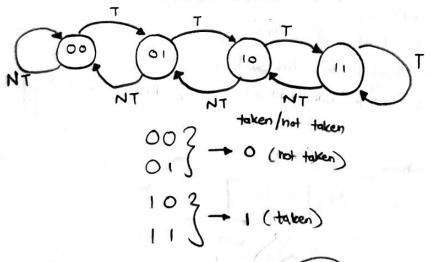
what if entry has to be added in 878, but no space?] L- Replacement Policy has to be used

LRU - using stackes (doubly linked list implementation) least recently used) on each BTB hit, put the page at the

top of stade.

For replacement, replace with the bottomost page.

BTB	Prediction	Actual branch	Penelty
Hit	Taken	Taken	0.0
Hit	Taken	Not Taken	Conditional dela-
Miss		Taken	Conditional delay
Miss	,	Not Taken	1,00



(doubly II) (STACK)
destaglination use need will require following

- · push top of stack
- delete het frame (replacement policy)
- search frame

move to head (tag beame to top)

