IF 2: Even this is an "old" paper, I think it still applies to contemporary Plobesigns. I agree with the author that "the magnitude of the tasks we wish to computers to perform is growing faster than the cost-effections of the hardware". Nonadays, we have more powerful hardware thanks to the "Noone's Law", but the tasks we explore also become graning camplex, like quartum computing, artificial instelliquese". Also, the size of data we are proceeding nowadays is almost incorpoivable out the time lots of today widely used PL were designed. So, making the object cooks efficient is always desireable for a long-term rumply PL.

I somewhat disagree with his arguenement that it is irritatly when some one sours that future hardware designs should be oriented towards the implementation of this couplexity. As he said simplicity is needed, but if any PL is popular enough to drive the orientation of hard name design, it is also acceptable. I think the development of GPV would not be that fast as in recent years without the incredible growing demands from deep bearning community. It could be an enlightenment for hardware designers if some PLs or programming frame work can fead their orientation.

1F-3 (e,5)Uh, (e,5)Uh, (n+h2=n,6)Utrue (n+n2=n3·n2,5)Utrue (n-n2=n3·n25)Ufale

< e/er, 5> 1 N3

We want ni / nz = Lnz orthwetically.

Assume N3 = [n1], then h3. n2 = h, and h-h2/13. n2

I don't check if he is a stace if it is zero then the premise hever holds.

1F-4 <u><e,6>Un, <c,6[x:=n,]>U6'</u> <le+ x=e in c,6>U6'[x:=6[x]]

Change X back to the original value after command C.

IF-5 rules < let rein (,6> -> < x = e', c; x = 6'x), 6>

hodex let x=e in C.

Context: H:= let r= e in H

let can be transferred into three semicolon-separated commands: First set X to e and execute C and change X back to the original value. Then the redex is "let X=e in c". The context extends to let itself since let can be rested.

1 HW1 (select all pages: your first page has your name and bookkeeping, and all others are anonymous)) - 0 pts Correct