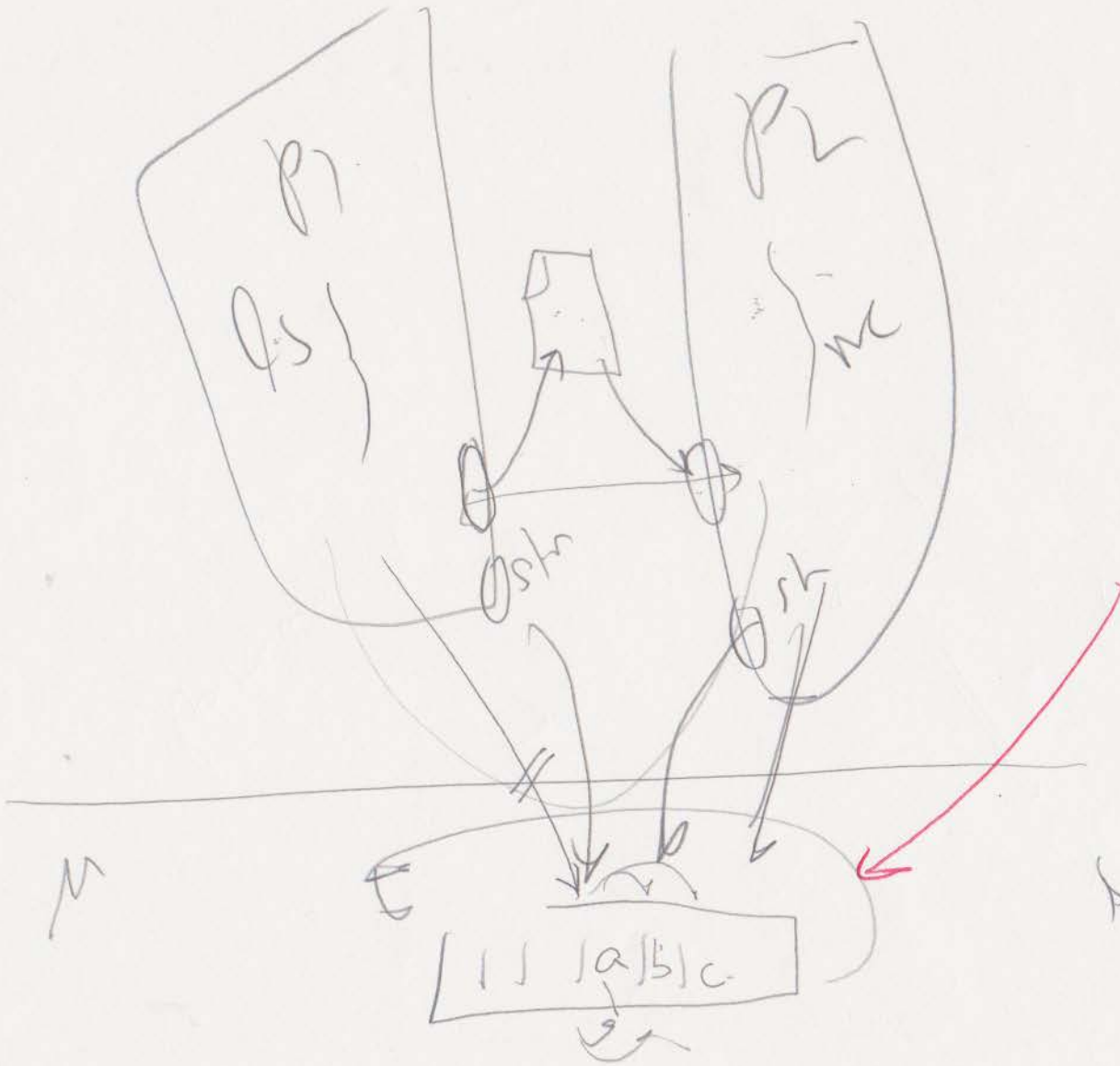


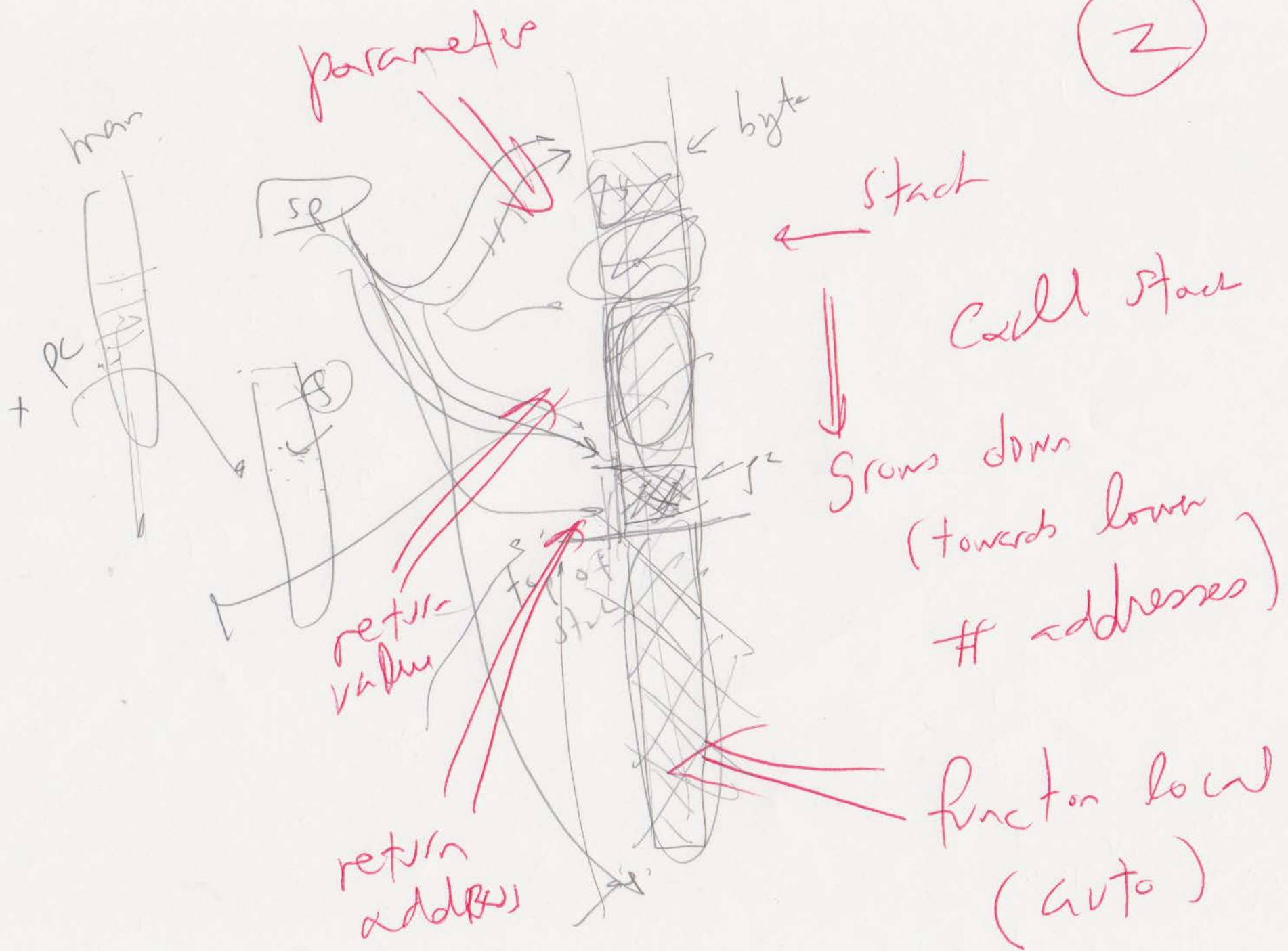
①



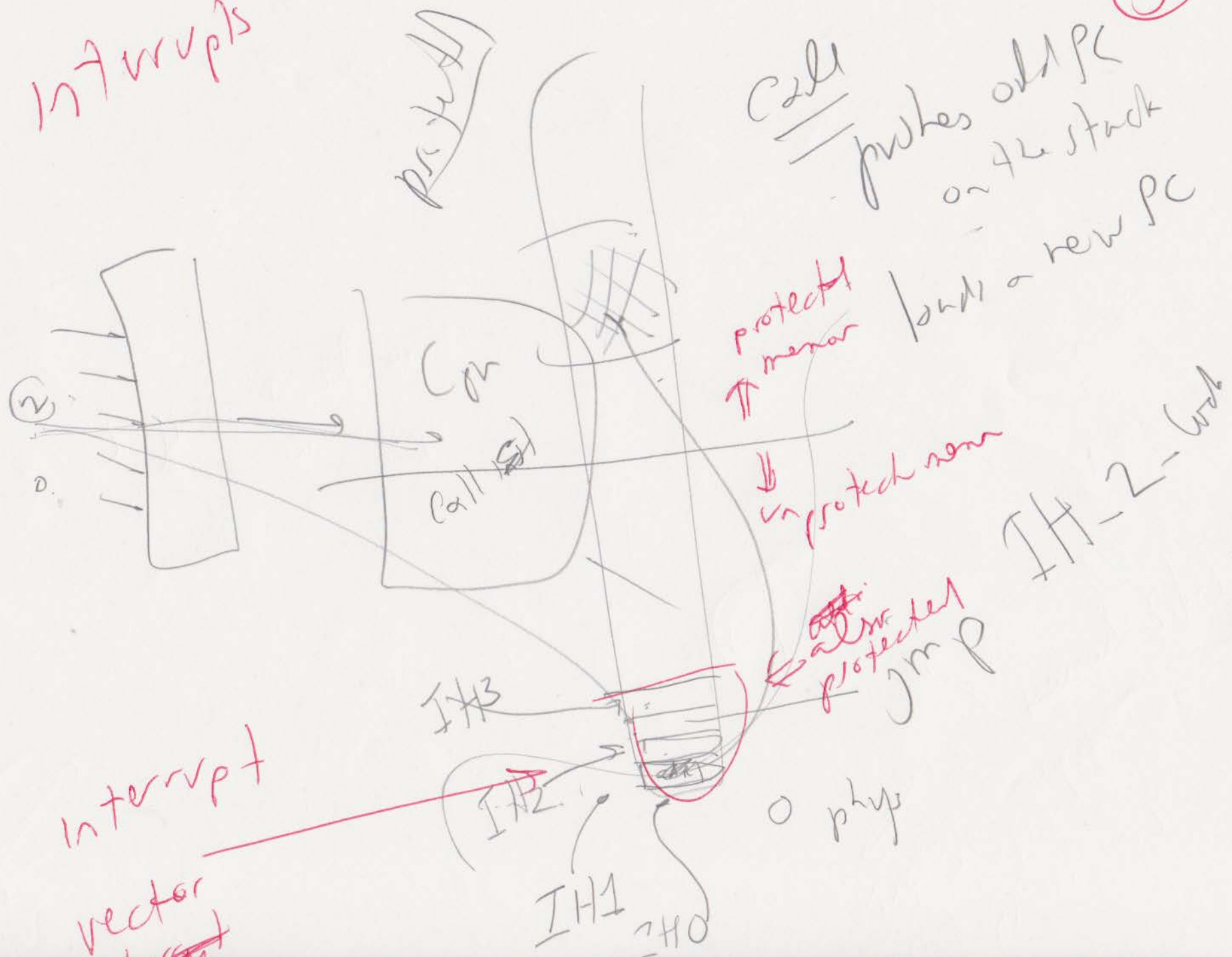
Ring Buffer  
in kernel  
So process  
can communicate

ls/wc

2



# Interrupts



3

call pushes old PC on the stack

protected mem

unprotected mem

call pushes old PC on the stack

IH-2-Code

interrupt

vector list

o phys

protected

Call

Call list

IH3

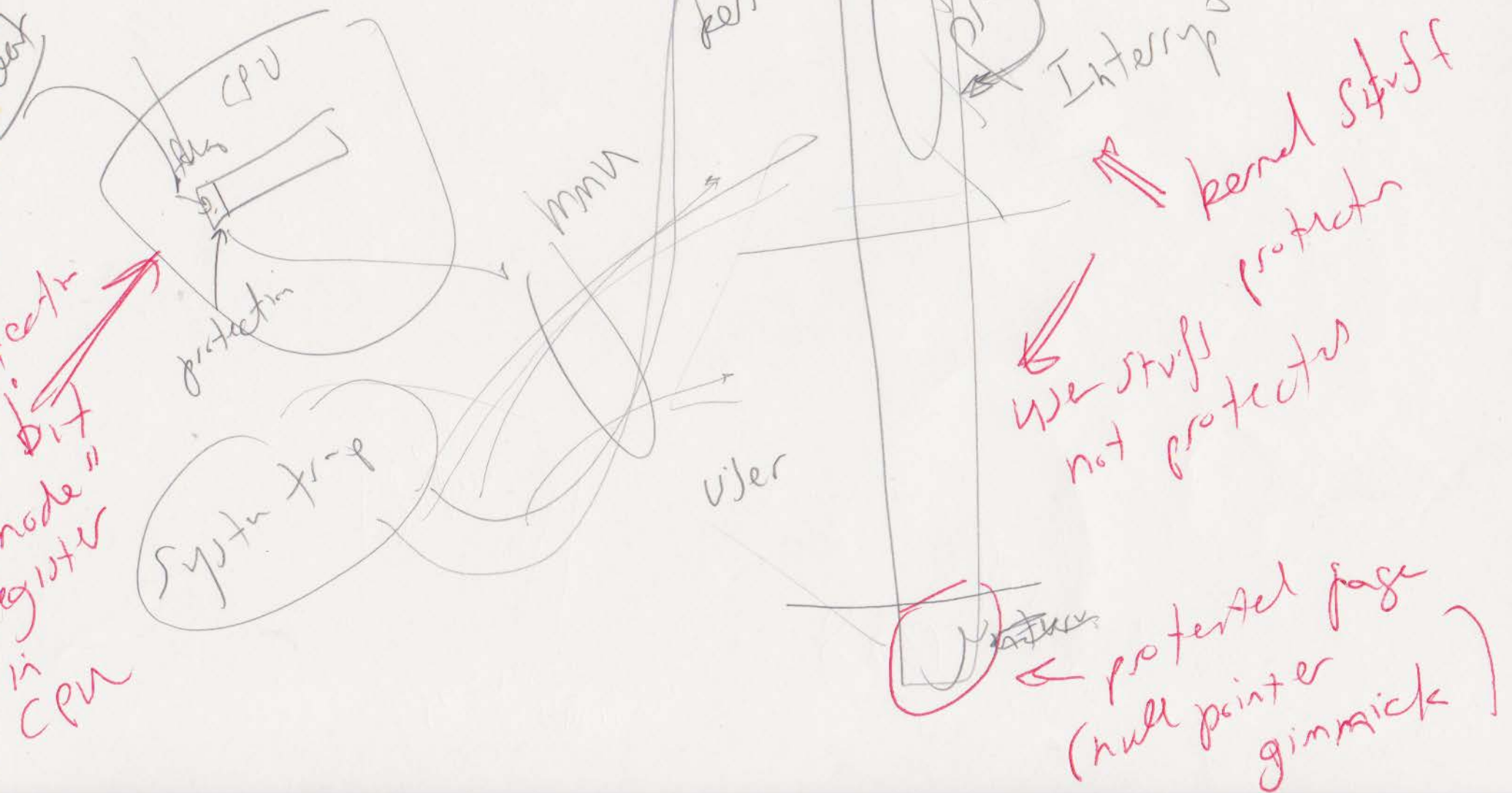
IH2

IH1

IH0

system call  
~~system call~~  
or trap

4



bit in register

kernel stuff  
we stuff  
not protection

protected page  
(null pointer gimmick)