# signals  :  user-space /process-level
            - interrupts abstraction
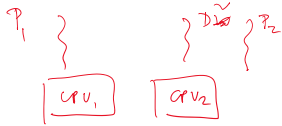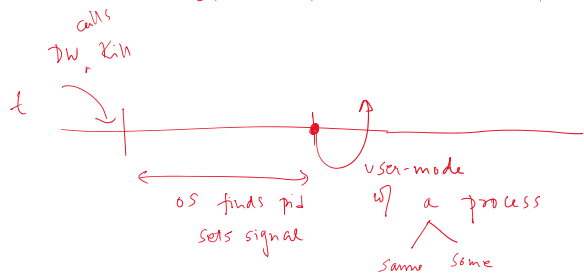
 - part of the PCB        ⎤  Kill -9 <pid>

 - signal handler in user-space

examples :   SIGKILL  cannot override    |  SIG STOP   |  SIG CHILD  |  SIG SEGV
             SIG INT                      |  SIG CONT   |             |  _____
             SIGTERM                                                     SIG USR 1
                                                                         SIG USR 2

calls
DW , Kill

t

OS finds pid        user-mode
sets signal        w/ a process

                   same    some

P₁ }           } Die }P₂

[CPU₁]   [CPU₂]

sig-handler (   ) {

    while ( wait (NULL) != -1) {

        nchild ++ ;
    }

}          ⊛ to account for merged
            signals.