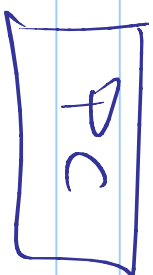


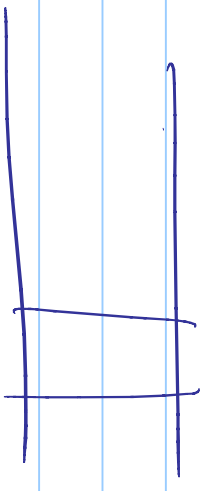
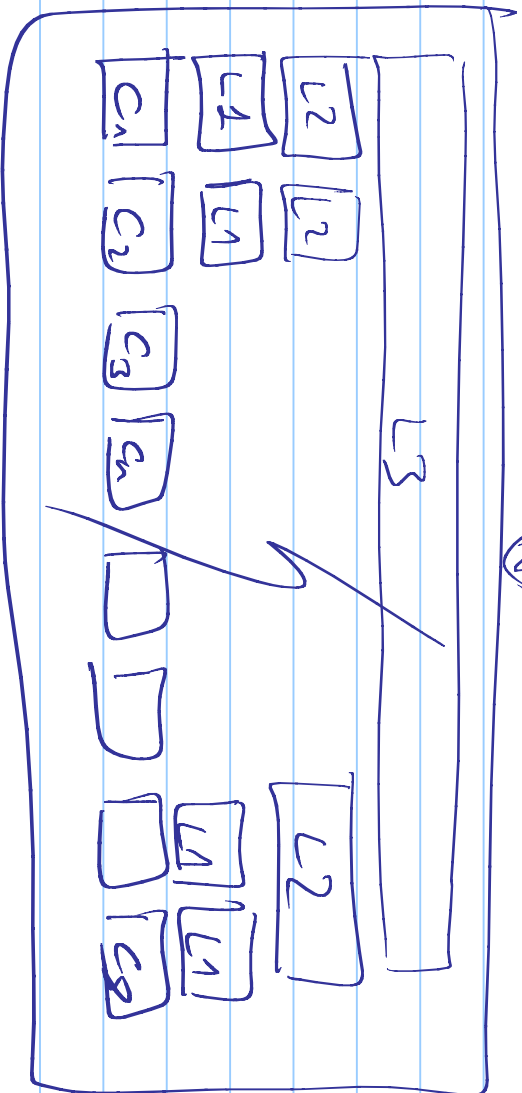
Scenario

Titolo nota

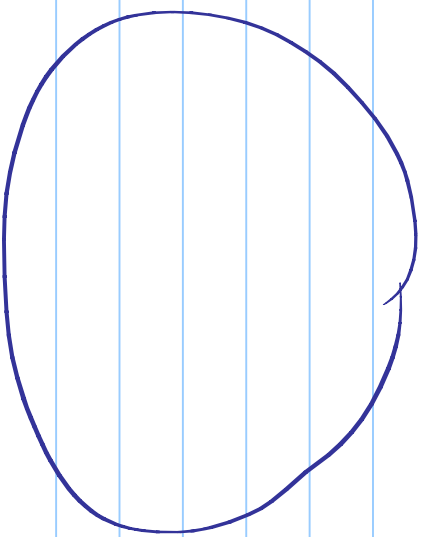
23/09/2014

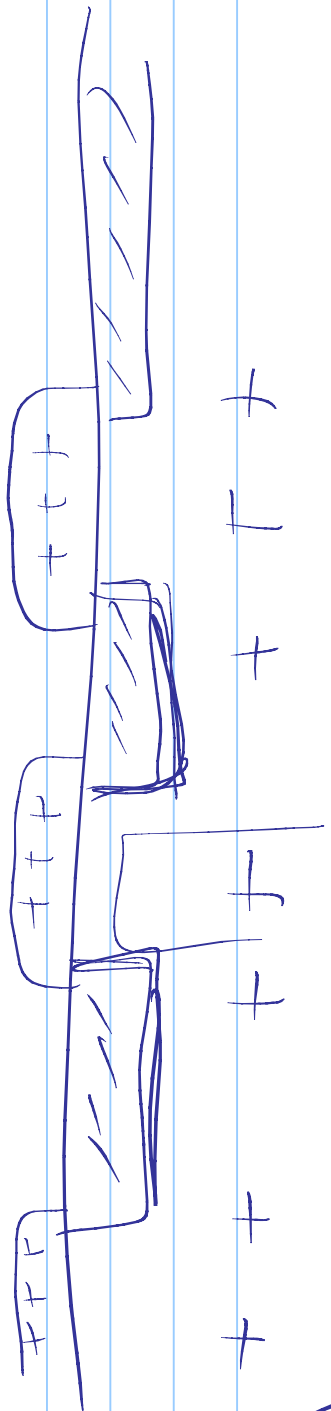
1) Multi cases  von NEUMANN

 PC

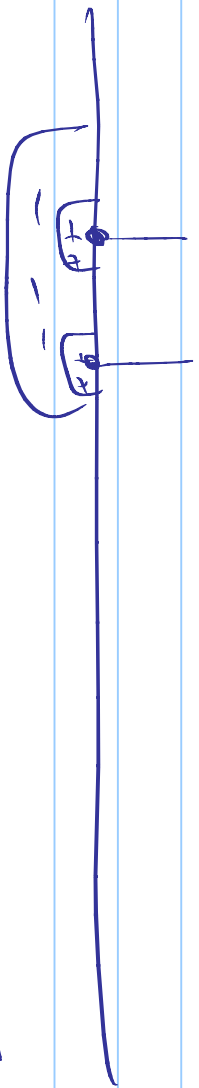
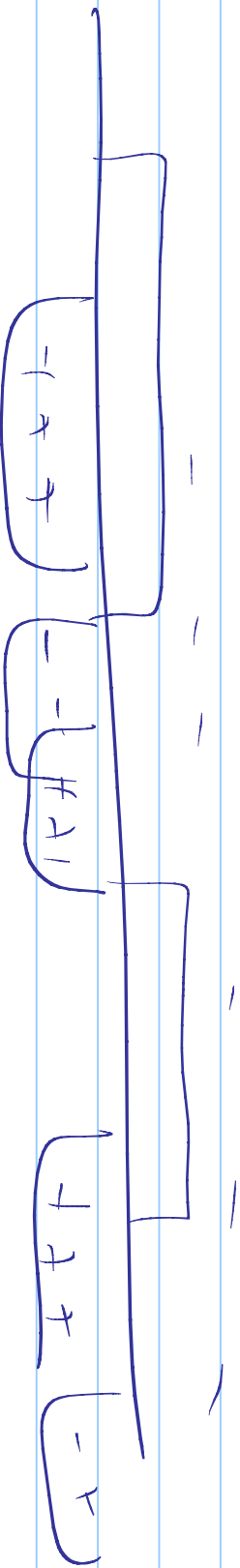


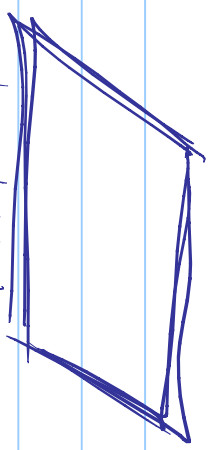
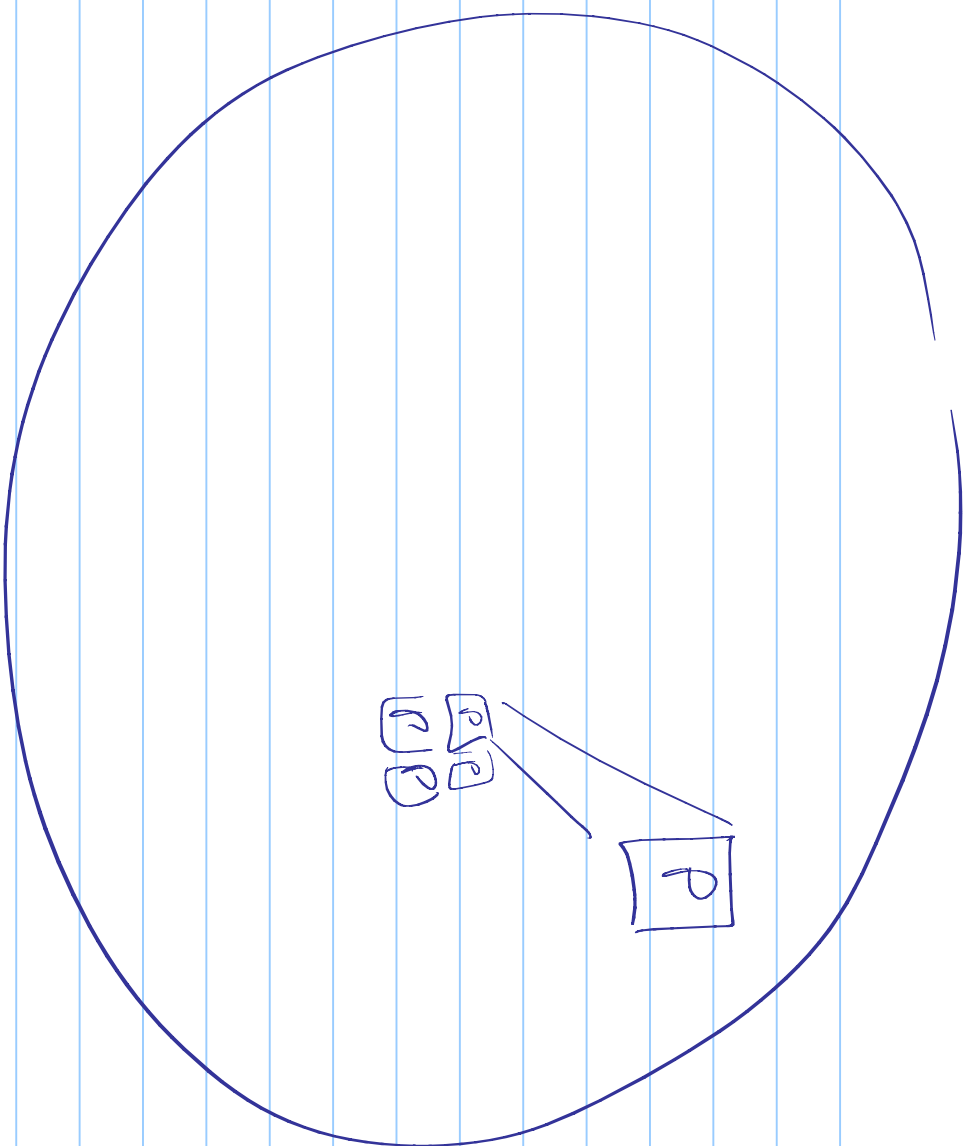
Urfer





23
M.W.





11111111

thin 7-8%

area 15%

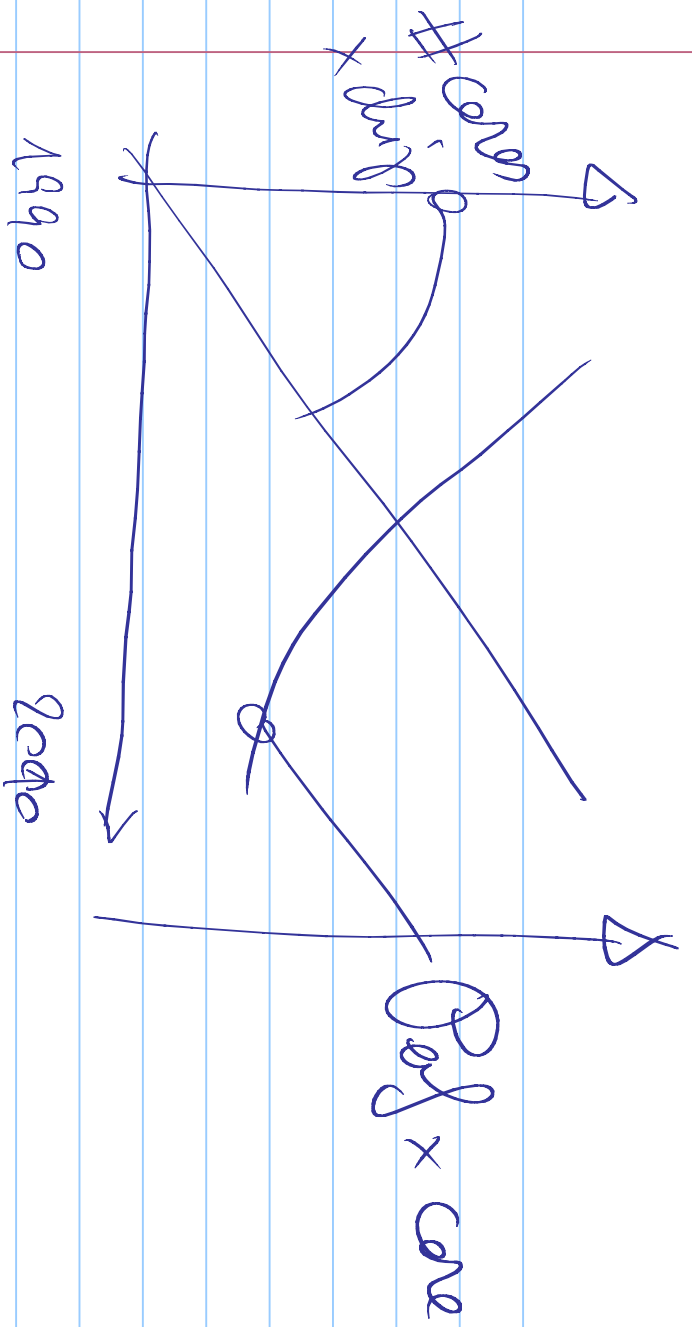
Branch

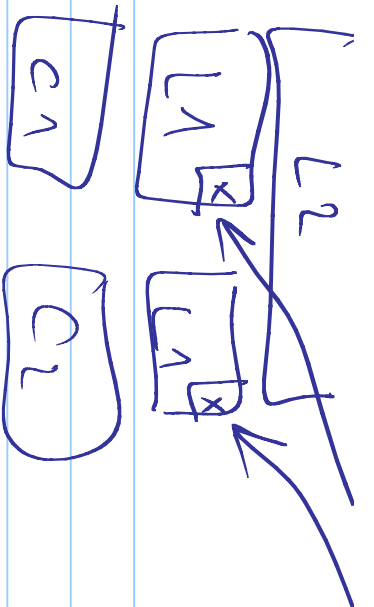
production

1P (→)

99% down

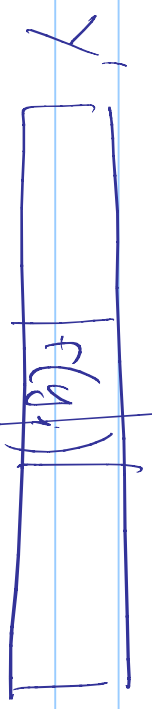
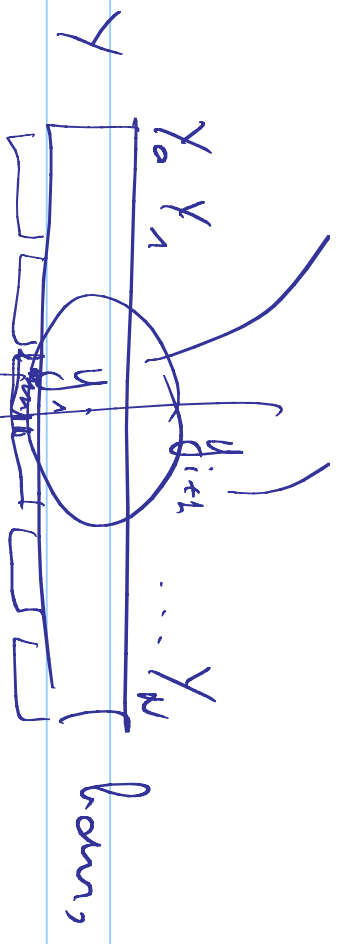
1% else





t_1 $\left\{ \begin{array}{l} x=1 \\ \downarrow \end{array} \right.$

$\left. \begin{array}{l} \downarrow \\ x = x+1 \end{array} \right\} t_2 > t_1$



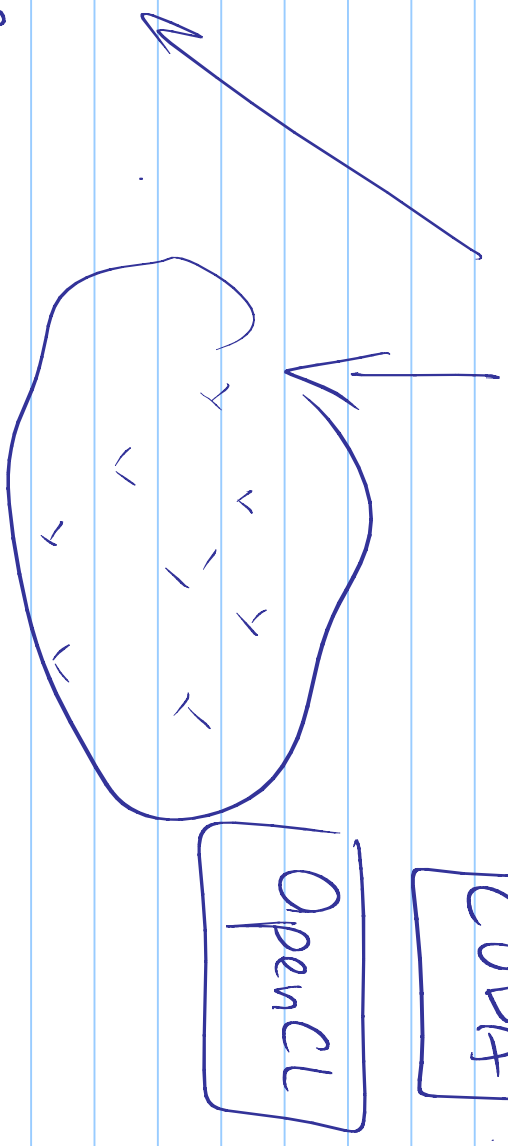
C_1 C_2



Nvidia

2) many core \equiv GPUs

$$O(100) \div O(1000)$$



GP-CPU's

op : on \forall pixels

