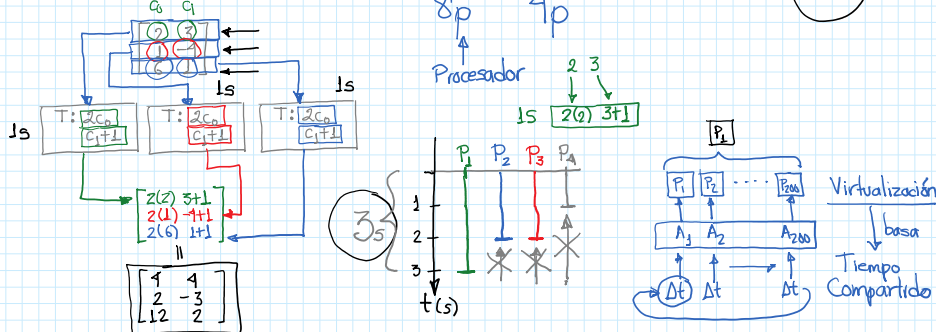


PARTICIONAMIENTO

DATOS: $A = \begin{bmatrix} 2 & 3 \\ 1 & -1 \\ 6 & 1 \end{bmatrix}$

TAREA: $B = \begin{bmatrix} 2(2) & 3+1 \\ 2(1) & -1+1 \\ 2(6) & 1+1 \end{bmatrix}$

PARALELISMO: Datos.

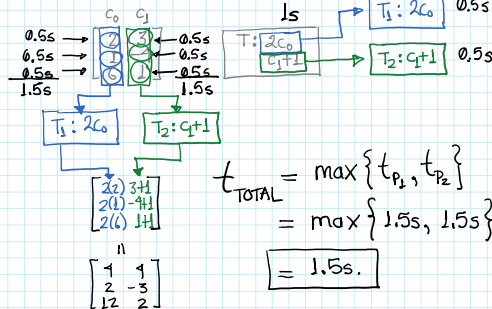


$$t_{TOTAL} = \max \{ t_{P1}, t_{P2}, t_{P3} \}$$

$$= \max \{ 1s, 1s, 1s \}$$

$$= 1s$$

PARALELISMO: Tareas.



$$t_{TOTAL} = \max \{ t_{P1}, t_{P2} \}$$

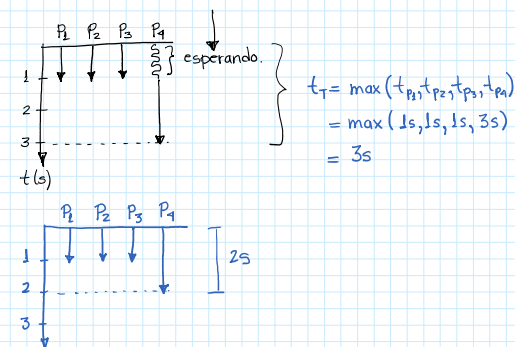
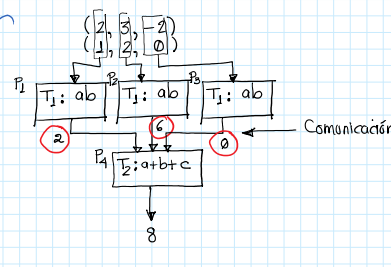
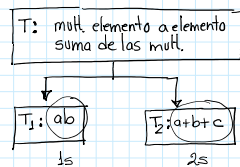
$$= \max \{ 1.5s, 1.5s \}$$

$$= 1.5s$$

COMUNICACION:

DATOS: $\vec{x}_1 = (2, 3, 2)$
 $\vec{x}_2 = (3, 2, 0)$

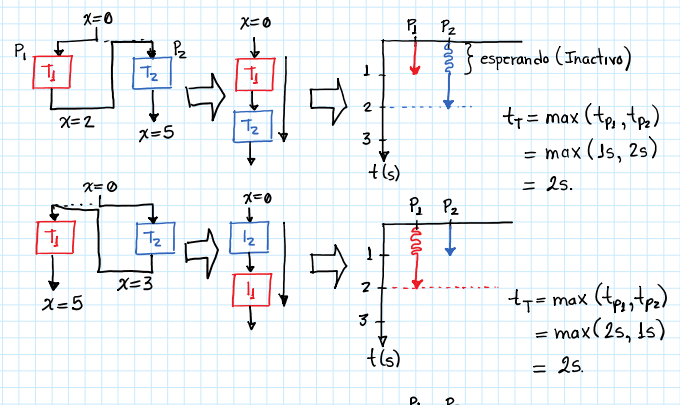
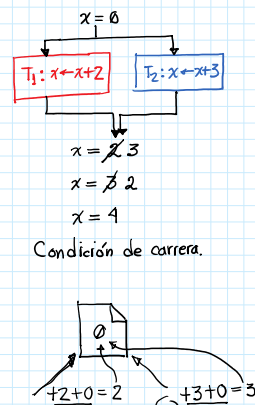
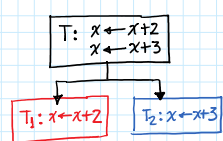
TAREA: $\vec{x}_1 \cdot \vec{x}_2 = 2(1) + 3(2) + (-2)(0)$

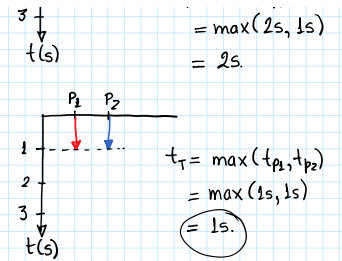
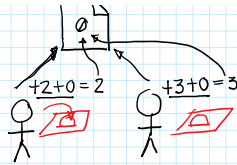


SINCRONIZACIÓN:

DATOS: $x = 0$

TAREA: Agregar 2 a x
 Agregar 3 a x





BALANCE de CARGA:

DATOS: $\vec{x}_1 = (2, 1, 3, 4)$
 $\vec{x}_2 = (5, 6, 7, 1)$

TAREA: $\vec{x}_1 + \vec{x}_2 = (2+5, 1+6, 3+7, 4+1)$

$$T: a+b = \begin{bmatrix} a \\ b \end{bmatrix}$$

