

### Taller Nro. 1

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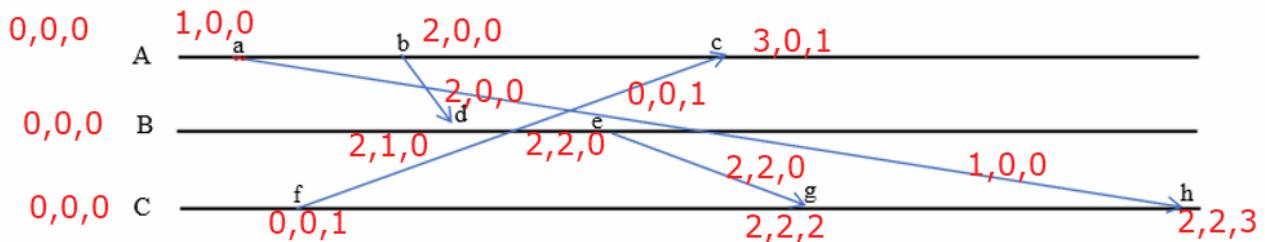
**Taller:** Relojos Lógicos Vectoriales

**Objetivo:**

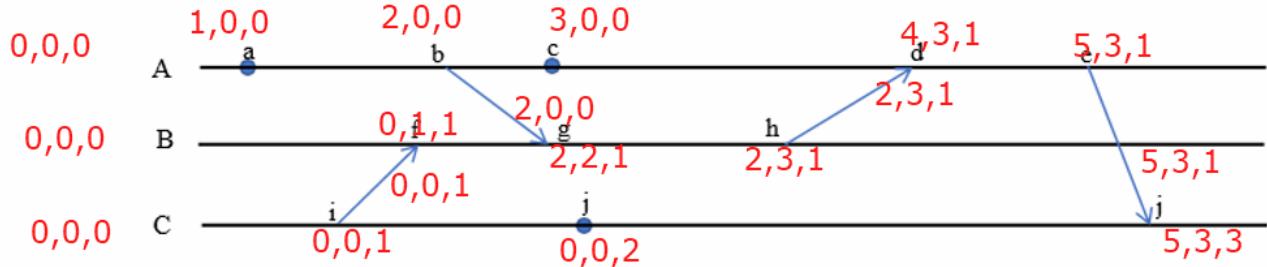
- Aplicar los principios de los Vectores de tiempo
- Resolver los problemas, ordenar los eventos y verificar su causalidad

**Actividad:**

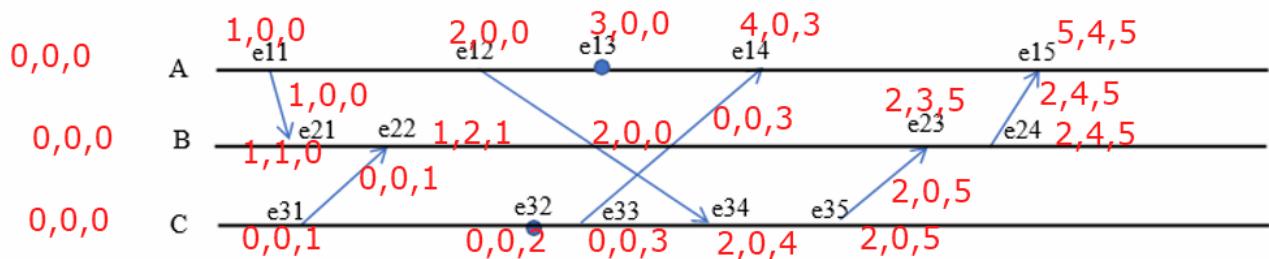
1. Resolver los ejercicios propuestos y ordenar los eventos utilizando el algoritmo de Vectores de tiempo



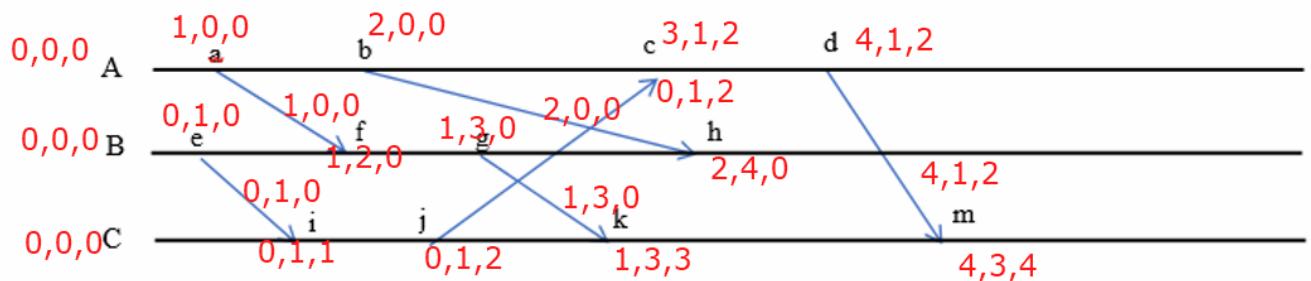
$$a = [1,0,0] \quad b = [2,0,0] \quad c = [3,0,1] \quad d = [2,1,0] \quad e = [2,2,0] \quad f = [0,0,1] \quad g = [2,2,2] \quad h = [2,2,3]$$



$$a = [1,0,0] \quad b = [2,0,0] \quad c = [3,0,0] \quad d = [4,3,1] \quad e = [5,3,1] \quad f = [0,1,1] \quad g = [2,2,1] \quad h = [2,3,1] \quad i = [0,0,1] \quad j = [0,0,2] \quad k = [5,3,3]$$



$$e_{11} = [1,0,0] \quad e_{12} = [2,0,0] \quad e_{13} = [3,0,0] \quad e_{14} = [4,0,3] \quad e_{15} = [5,4,5] \quad e_{21} = [1,1,0] \quad e_{22} = [1,2,1] \\ e_{23} = [2,3,4] \quad e_{24} = [2,4,5] \quad e_{31} = [0,0,1] \quad e_{32} = [0,0,2] \quad e_{33} = [0,0,3] \quad e_{34} = [2,0,4] \quad e_{35} = [2,0,5]$$



$$a = [1,0,0] \quad b = [2,0,0] \quad c = [3,1,2] \quad d = [4,1,2] \quad e = [0,1,0] \quad f = [1,2,0] \quad g = [1,3,0] \quad h = [2,4,0] \quad i = [0,1,1] \quad j = [0,1,2] \\ k = [1,3,3] \quad m = [4,3,4]$$