

$$\begin{cases} x+y+z+t=0\\ y+2z+t=0 \end{cases}$$

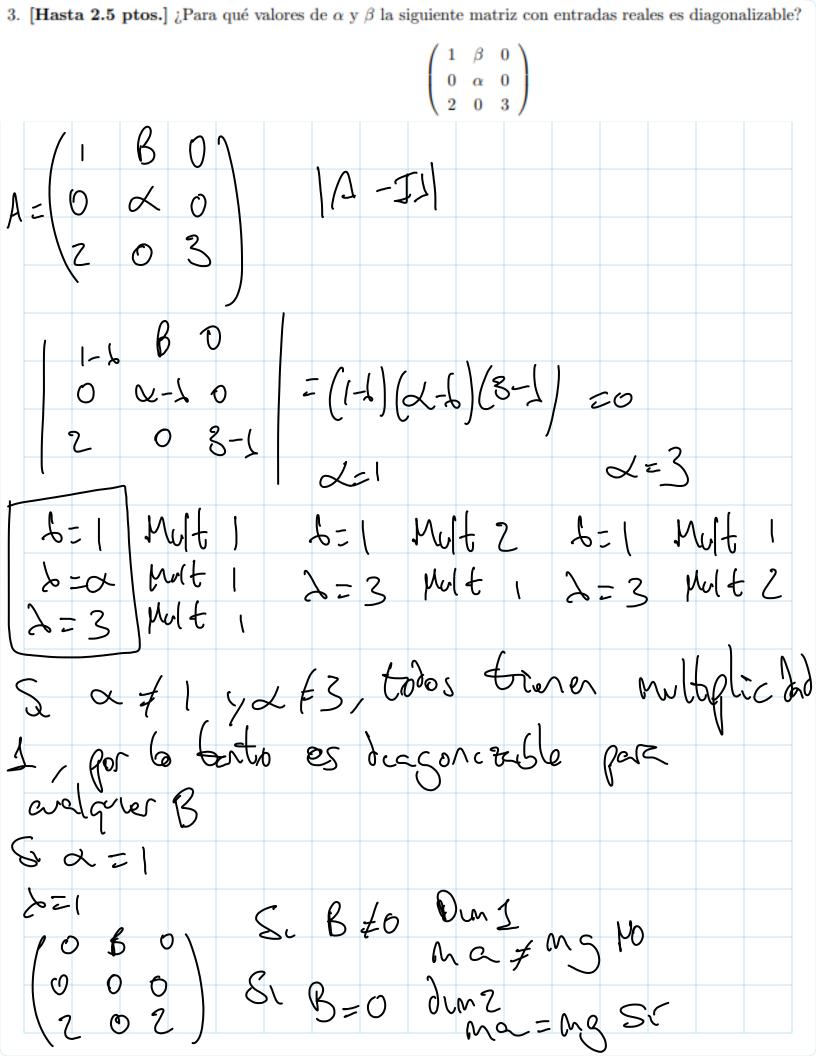
yet subespace W generado por el conjunto de vectores 
$$\{(1,1,1,1),(1,0,1,0)\}$$
. Pertenece el vector  $(2,10,2,1)$  a  $U+W$ ?

 $V = \begin{cases} 1 \\ 1 \\ 2 \\ 3 \end{cases}$ 
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 $V =$ 

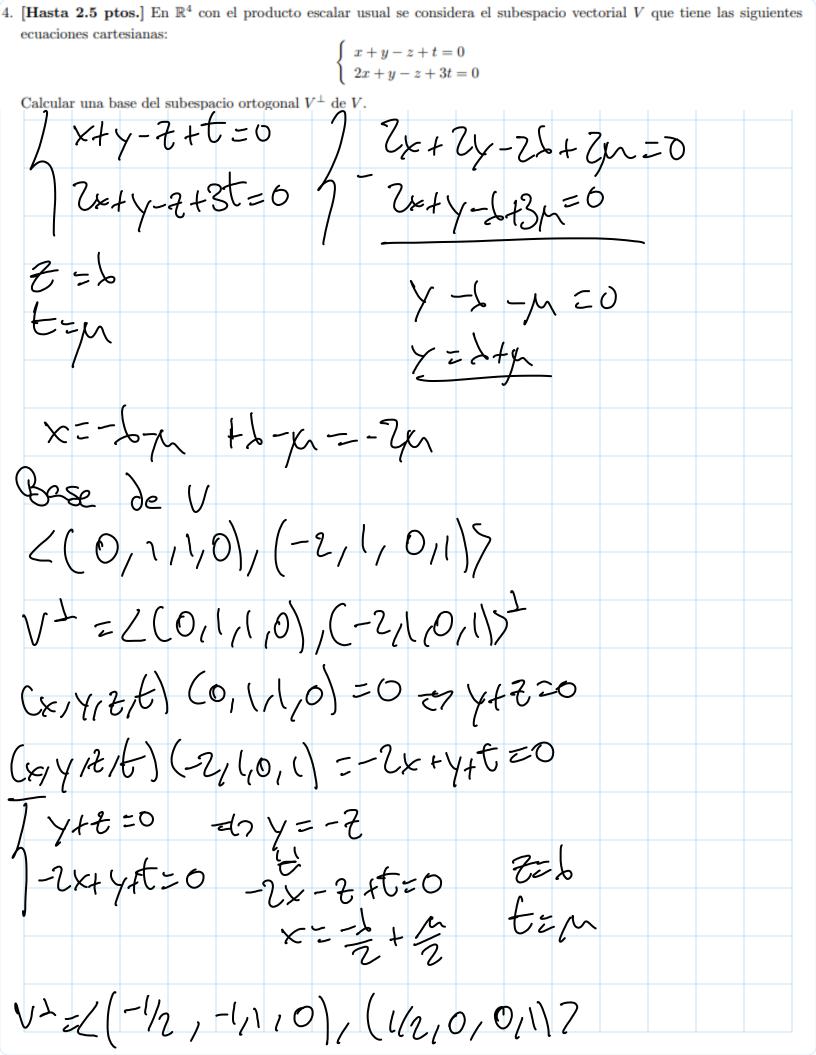
$$(2,10,2,1) = 1_{1}(1,1,1,1) + 1_{2}(0,-1,0,-1) + 1_{3}(0,0,0,2)$$
 $2 = 1_{1}$ 
 $1 = 1_{1} - 1_{2} = 10$ 
 $1 = 1_{1} - 1_{2} + 21_{3} = 10$ 

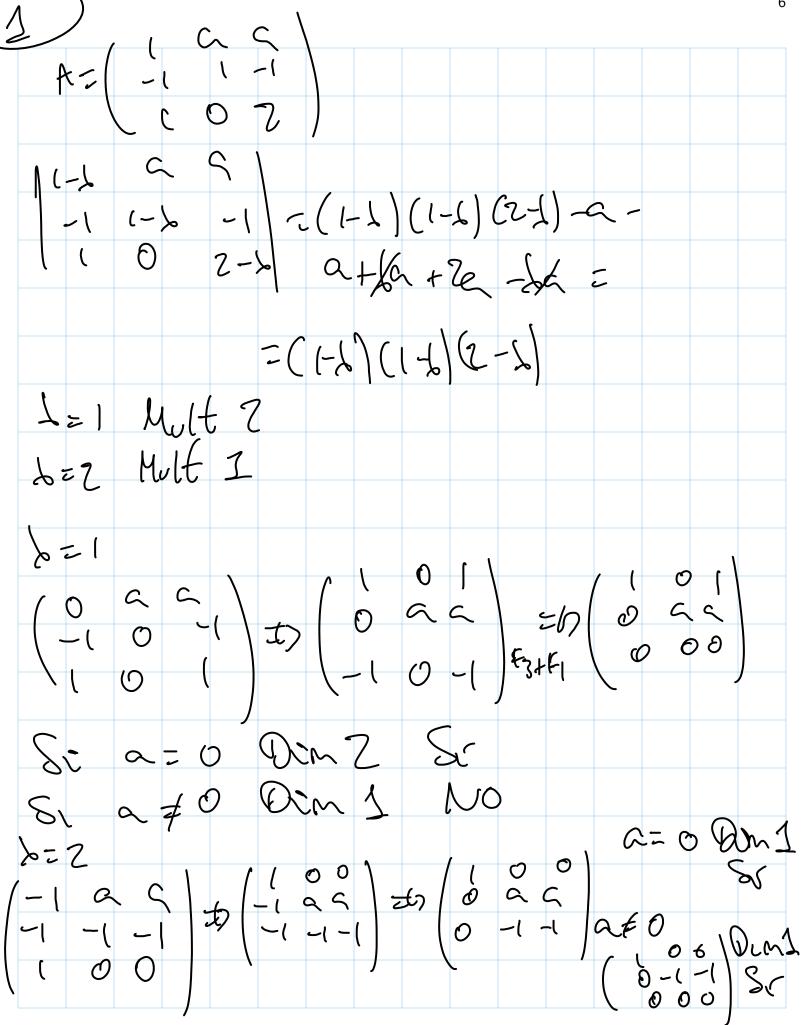
So poterece a  $1 + 1$ 

Oun  $(1 + 1) = 3$ 



2=3 (-2 B 0) (-2 B 6) SE B # 0 dun 1 (0 -2 0) # 0 -2 0 SE B = 0 din 1 2 0 0) & B= 0 din 1 Si 2=3 S 1=1 2 = 1 (0 B 0) Si B = 0 din 2 = ng Si 2 0 2) Si B = 0 din 2 = ng Si Si \ =3 (-2 B O) B = 0 Din 2 Sc 2 6 3) B=0 Din 2 Sc





$ \begin{array}{c} b) & 0 = 0 \\ 0 = 0 & 0 \\ 0 & 0 & 0 \end{array} $ $ \begin{array}{c} c = 1 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \end{array} $ $ \begin{array}{c} c = 1 \\ 0 & 0 & 0 \\ 0 & 0 & 0 \end{array} $	((,0,-1) (o,1,6)