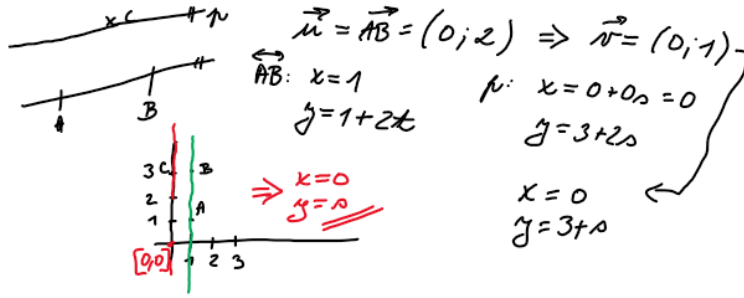


Resim' iloh u sbr'ly I.

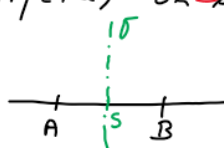
24/3.10 a)

$A[1;1] \quad B[1;3] \quad C[0;3]$



$\vec{u} = \vec{AB} = (0;2) \Rightarrow \vec{n} = (0;1)$   
 $\overleftrightarrow{AB}: x=1 \quad n: x=0+0s=0$   
 $y=1+2t \quad y=3+2s$   
 $x=0 \quad y=3+s$   
 $\Rightarrow k=0 \quad y=3$

24/29 a) OR <sup>or</sup> ~~diap'ly~~ AB  $A[1;3], B[-1;2]$



$\vec{u}_0 = \vec{u}_{AB} = (-2; -1)$   
 $-2x - y + c = 0$   
 $S: 0 - \frac{5}{2} + c = 0 \quad c = \frac{5}{2}$   
 $-2x - y + \frac{5}{2} = 0$   
 $2x + y - \frac{5}{2} = 0$

$S[0; \frac{5}{2}]$

Sf:  
 24/3.1 a) PV p'rnly:  $A[3;-7], \vec{u} = (-2;5)$   
 $x=3-2t$   
 $y=-7+5t$

24/3.2 a) PV p'rnly n:  $A \in n, n \parallel \vec{u} \quad \vec{u} = \vec{BC}$   
 $A[2;-5] \quad B[2;-4] \quad C[3;-1]$   
 $\vec{u} = \vec{BC} = (1;3) \quad n: x=2+t$   
 $y=-5+3t$

24/3.4 PV p'rnly AB  $\vec{u} = \vec{AB} = (-2;3)$   
 a)  $A[4;0] \quad B[2;3] \quad AB: x=4-2t$   
 $y=3t$

24/3.5  $A \in \overleftrightarrow{MN}$   
 $A[-4;7] \quad M[2;5] \quad N[-1;6]$   
 $\vec{u}_{MN} = \vec{MN} = (-3;1)$   
 $n: x=2-3t \quad A: -4=2-3t \Rightarrow t=2$   
 $y=5+t \quad 7=5+t \Rightarrow t=2 \quad \left. \vphantom{\begin{matrix} x=2-3t \\ y=5+t \end{matrix}} \right\} A \in \overleftrightarrow{MN}$

24/3.6  $C=? \quad C \in \overleftrightarrow{AB} \quad A[3;-1] \quad B[1;3]$   
 a)  $C[1;5]$

$\vec{u} = \vec{AB} = (-2;4) = (-1;2)$   
 $AB: x=3-2t \quad C: 1=3-2t \Rightarrow t=1$   
 $y=-1+4t \quad y=-1+4 \cdot 1=3 \quad C[1;3]$