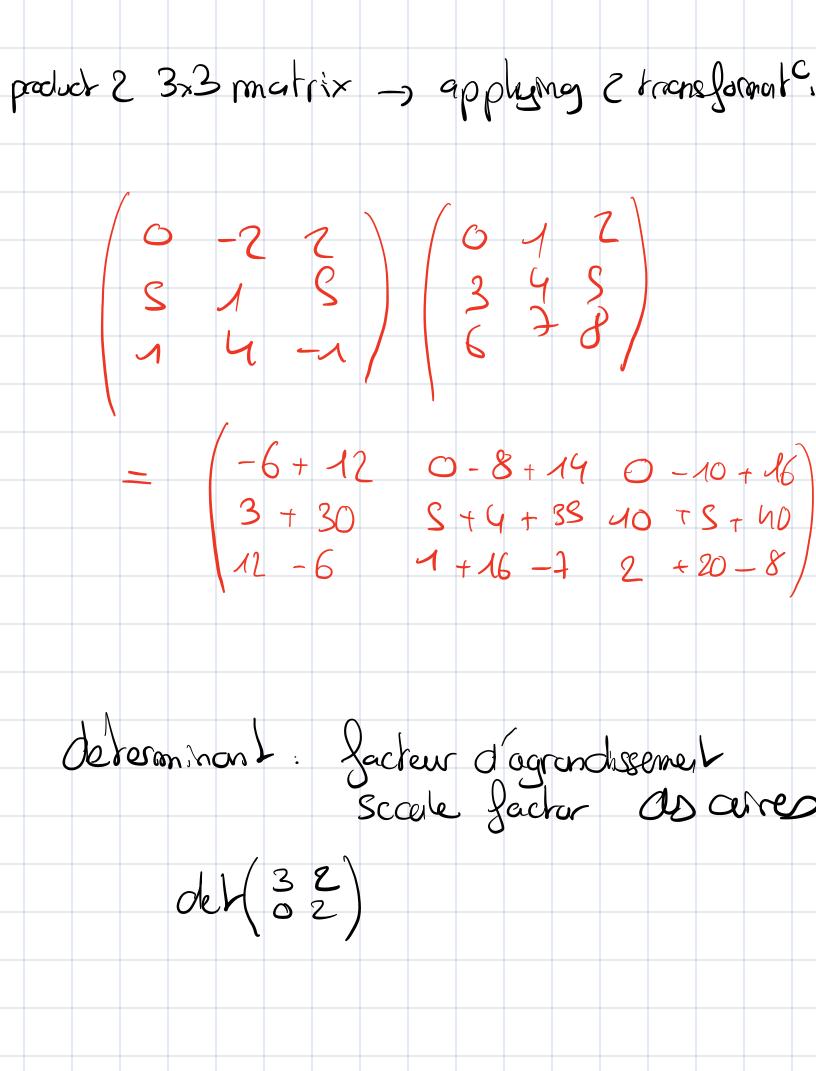
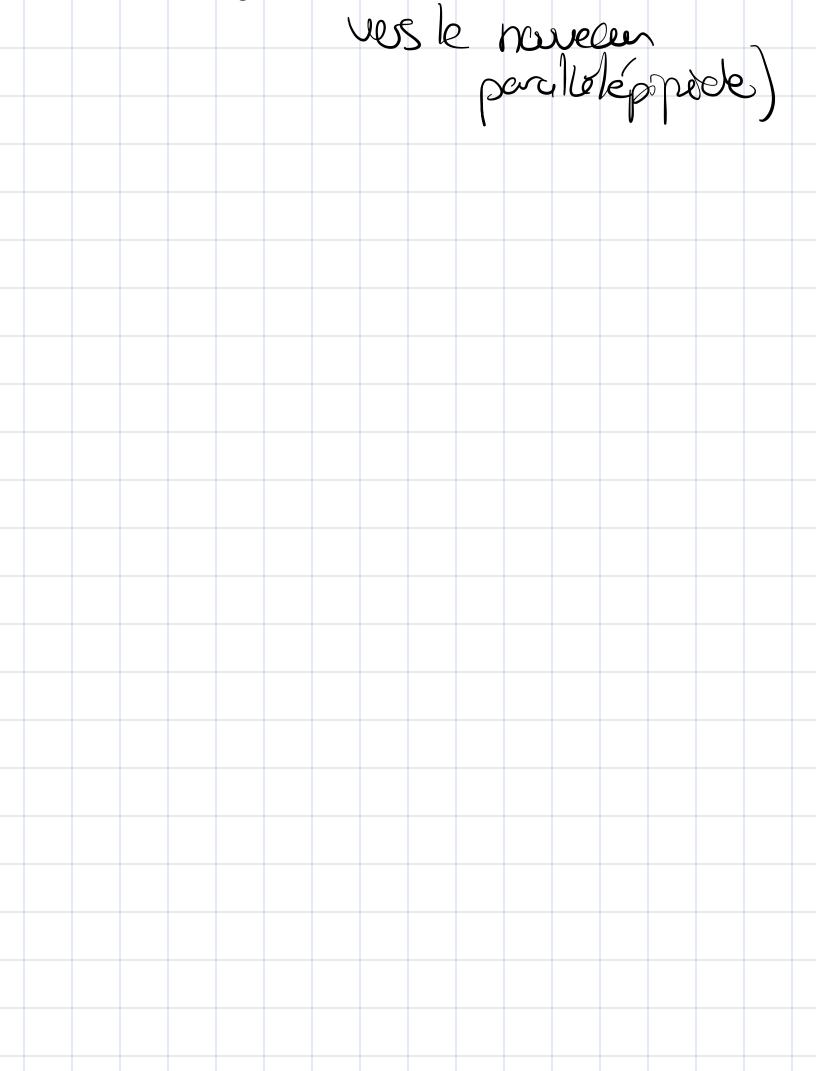
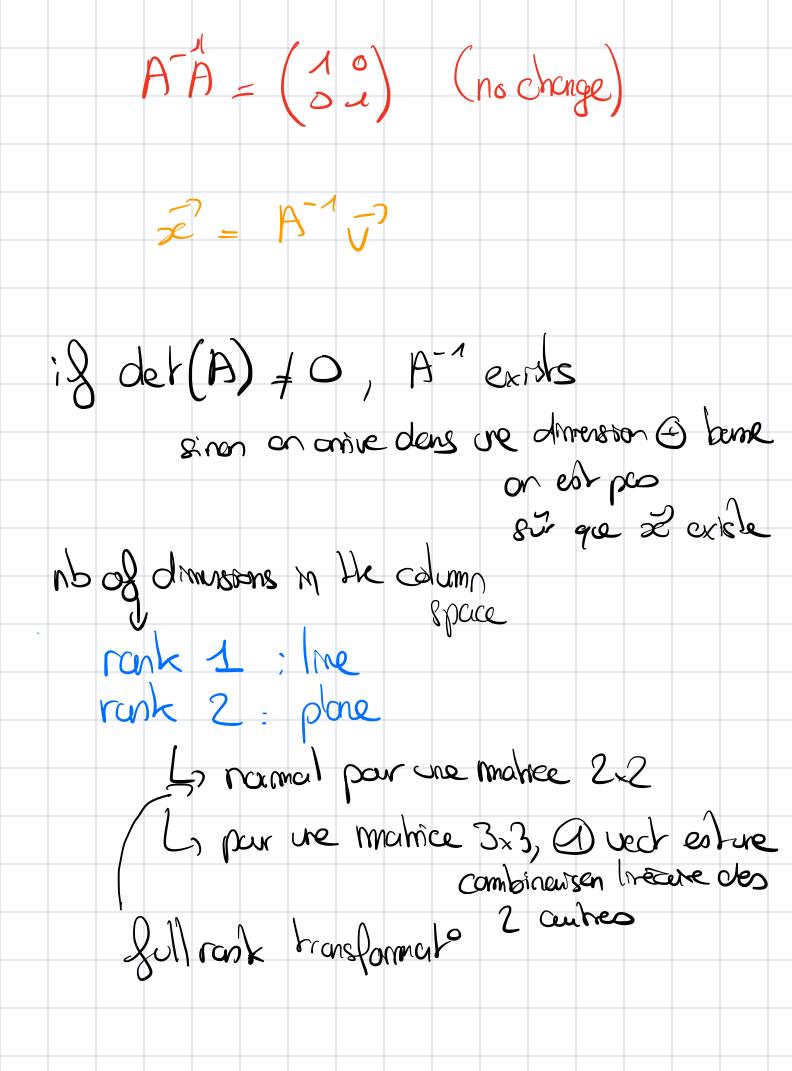


(ab) (e 8) (c) (d) (d) = (ea+gb ga+hb) ec+gd gc+hd) rotate shear shear votate ABC = A(BC) =) just ABC m He end Tras Jerma lon

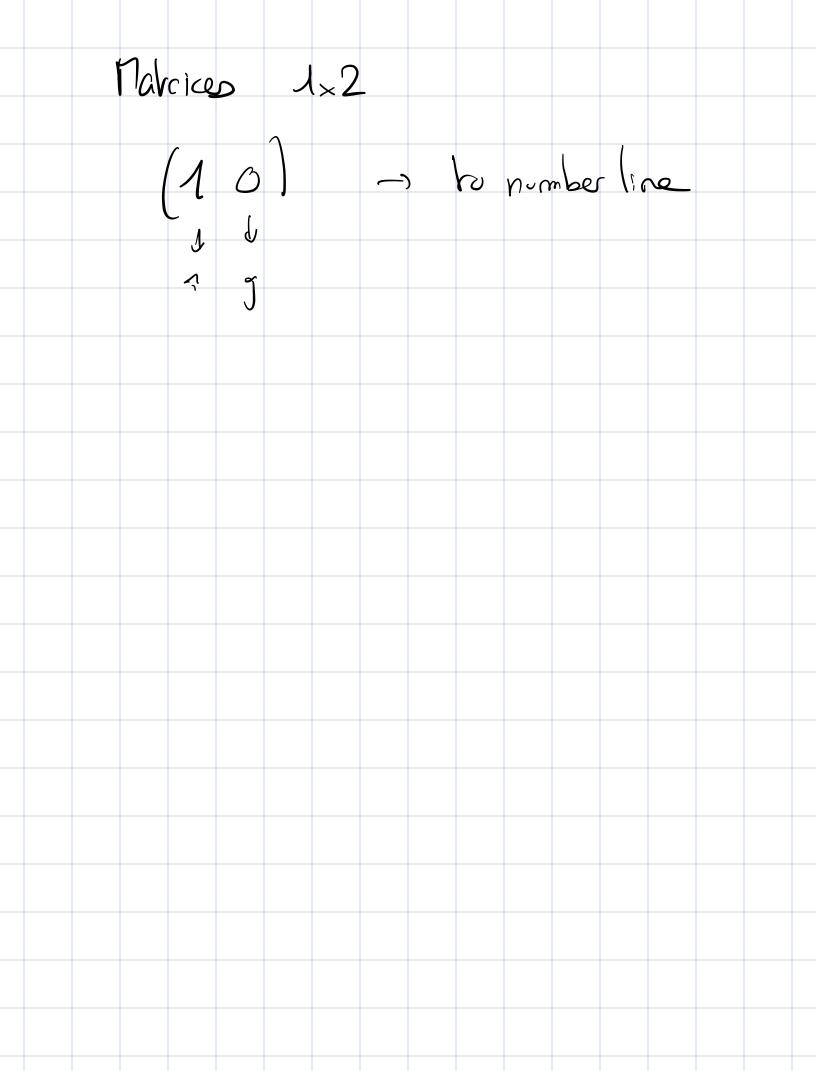


-> span is a line $der\left(\frac{4}{2},\frac{2}{3}\right)=0$ mearly dependent del (A) <0 nrerse l'orientation de l'espace on 3D L, det (P) -> Jackeur
agrononssenut
du cube de bese

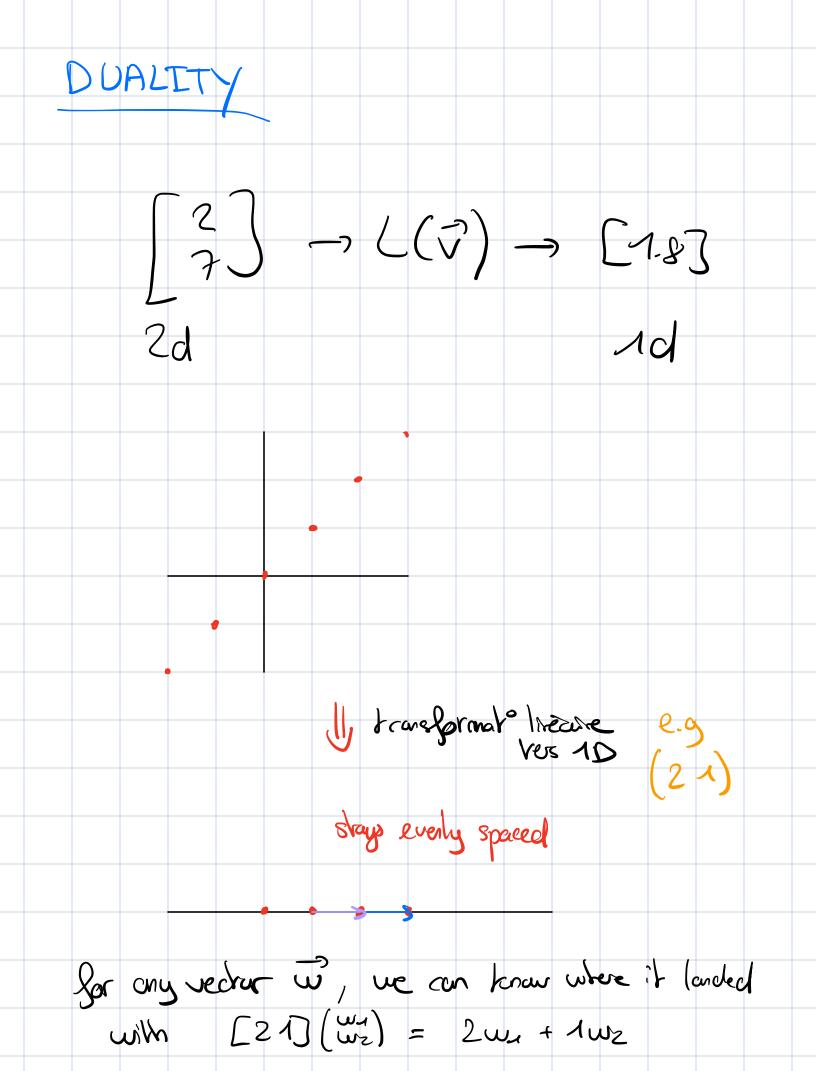




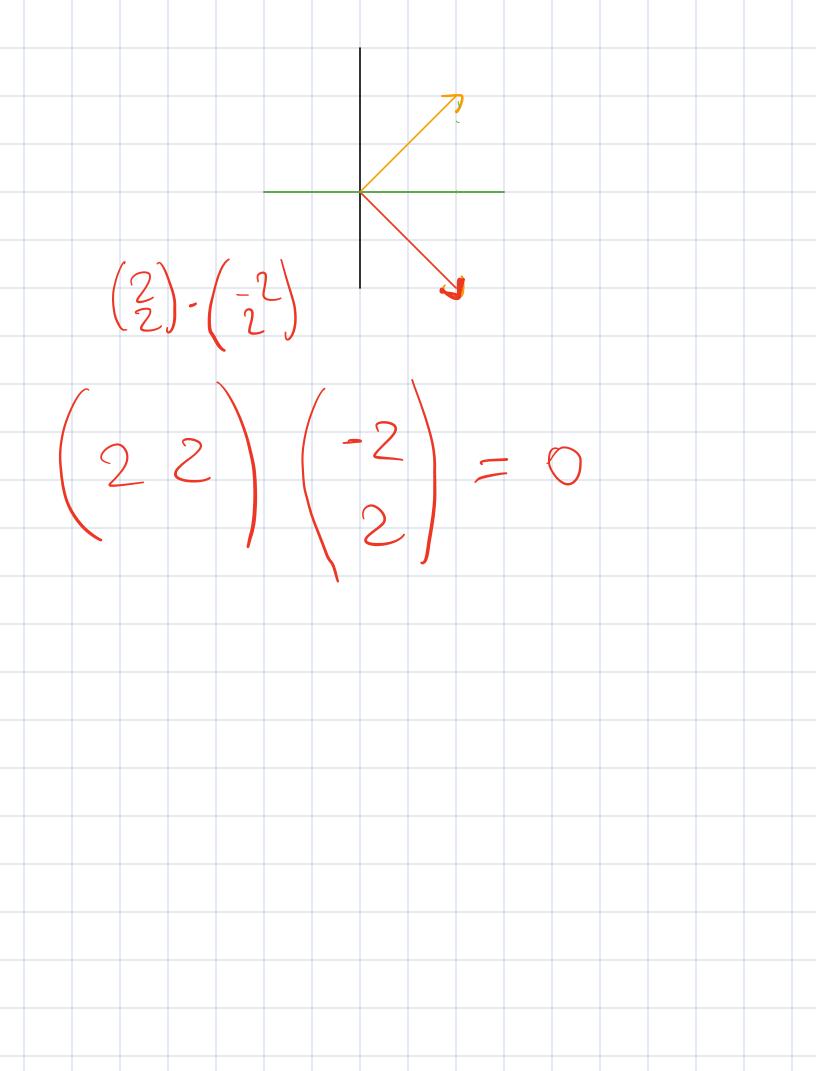
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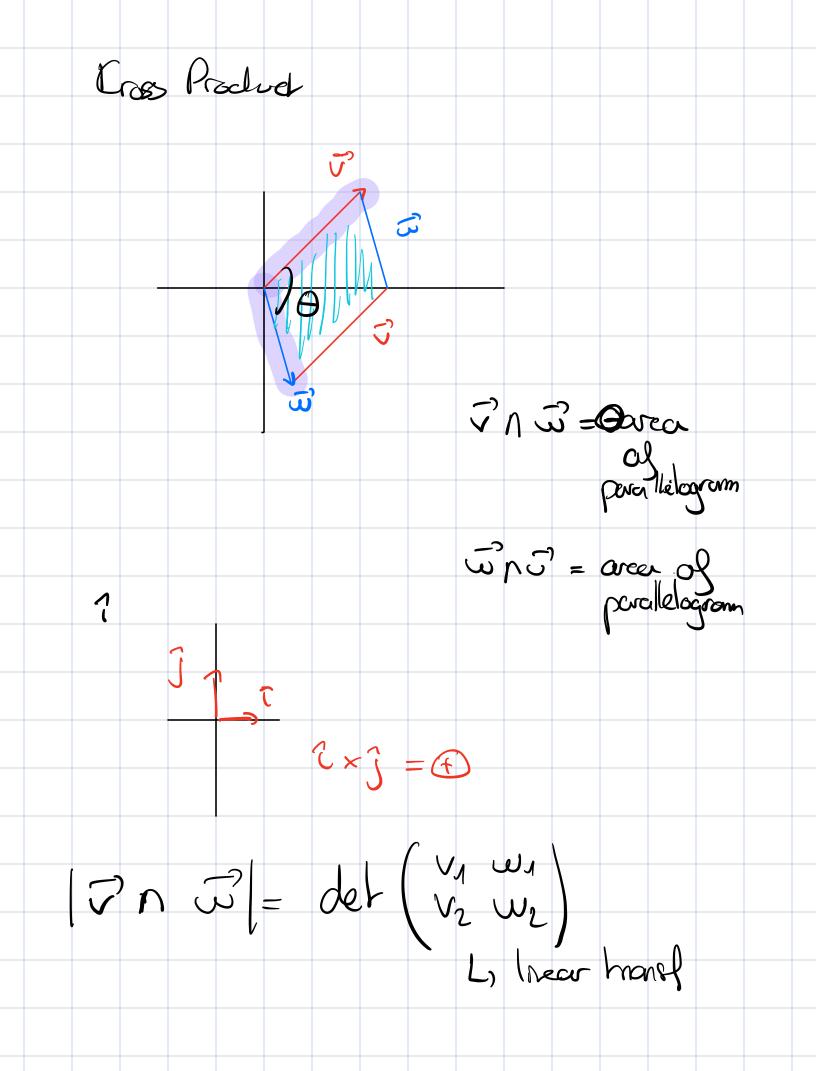


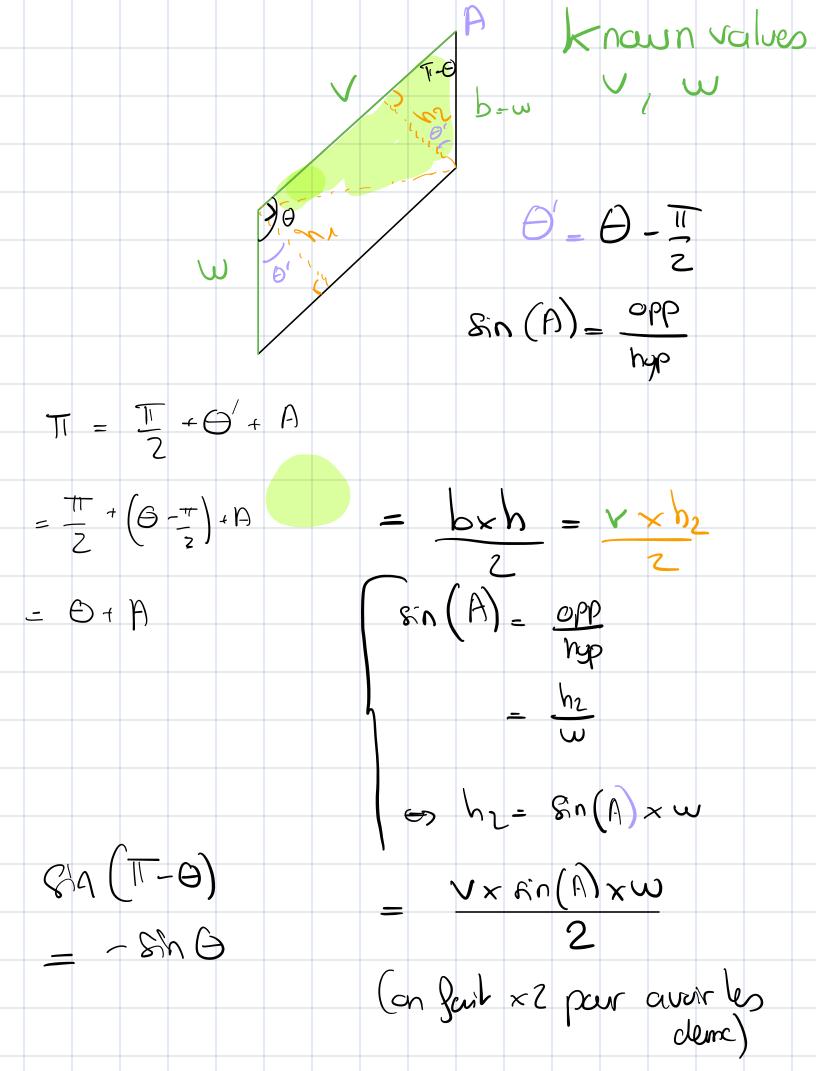
Det product $\begin{pmatrix} 2 \\ 7 \\ 4 \end{pmatrix}, \begin{pmatrix} 8 \\ 8 \end{pmatrix} = 2-8+7-2+1.8$ (length w2) (length v2) So when pap. => 0 painting some dir) 0 ORDER DOES NOT MATTER

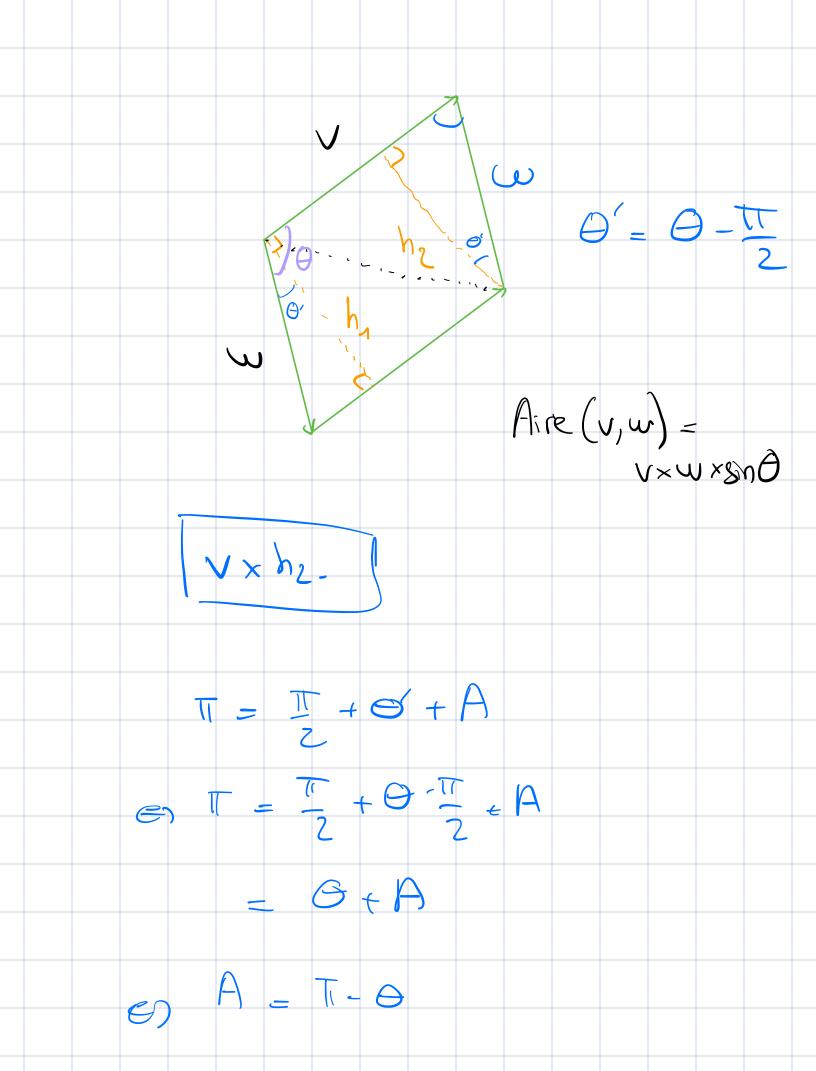


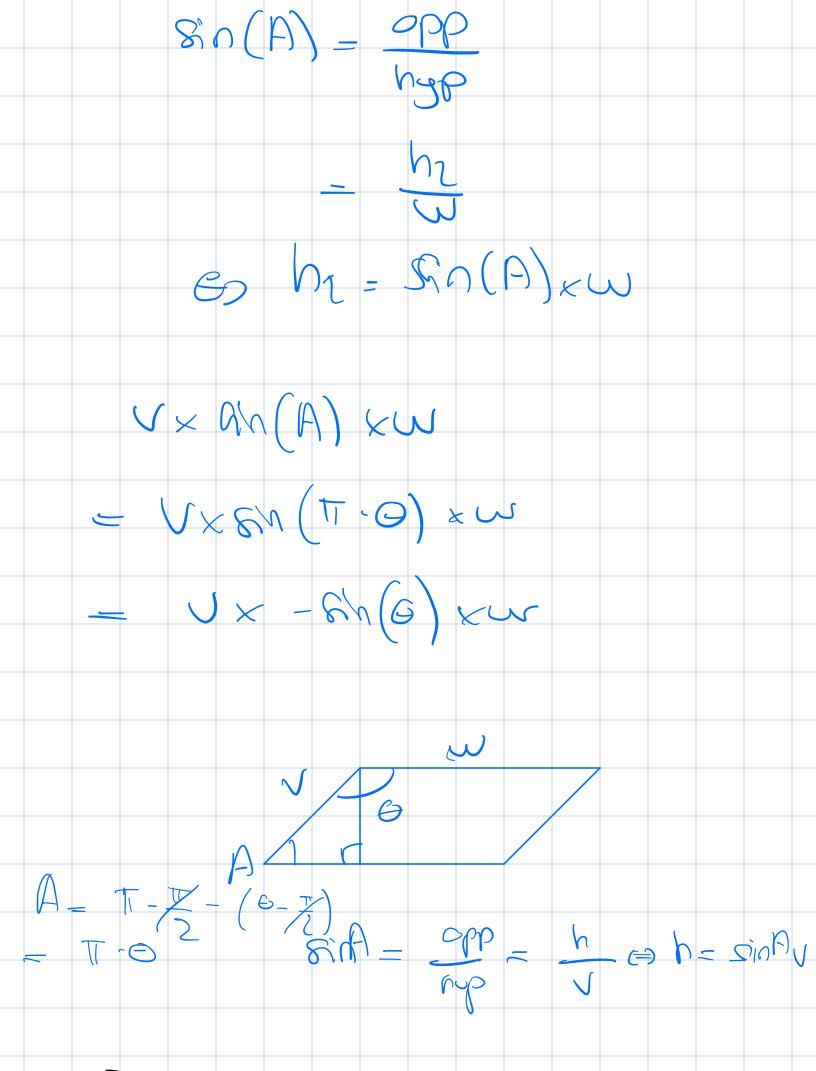
	some calab	edion as	ld product.	
S0 U	Je con mo	the the con	ocidion	
		=> 2d (2		
	2 11)	(4		
	51) (22) 51) (42)			
(G)		$\begin{pmatrix} 2 \\ 4 \\ 2 \end{pmatrix}$		
	3,011			











 $= \hat{c} \left(\sqrt{2} u_3 - u_2 v_3 \right)$ + j (w, v3 - ~, w3) Students are after took that il gives: - leseth = parallelocrom's area
- and = perpendicular to plen w
- obeys night hand whe on cherche l'aire du parallélogranne Somé par J et J Ame = $\hat{\Theta} = \Pi - \frac{\pi}{2} - (\hat{\Theta} - \frac{\pi}{2})$ $Sin(\Theta') = \frac{opp}{hyp} = \frac{h}{w}$ $= h = \sin(\Theta) \cdot \omega - \sin\Theta \omega$ Are = V·W. (sind)