

Scanned with CamScanner

$V^{\perp} = \{xeR^3 \mid 0 = \{(x_1, x_2, x_1 = x_1, x_1, x_2, x_1, x_1, x_1, x_1, x_2, x_1, x_1, x_1, x_1, x_1, x_1, x_1, x_1$	yo(x,y)=0 +ye 03 +x2 x1, x2 = R3 = \((x1,0,x1) + (0, x2 x2) \) =	-5-
dim 0 = 2 =>	ffi, feg rysor m	
$X_1 + X_2 - X_3 = 0$ $0 = 2 \{ (1, 1, -1) \}$		0
Oxtoponmam	Brecedent Gram - Schmidt: > {e ₁ e ₂ ? -> {e ₁ ', e ₂ '?	
	ruper ortogonal ruper ortonormat $0,1) \Rightarrow e_1' = \frac{e_1}{11e_111} = \sqrt{2} (1,0,1)$	
$e_2 = f_2 =$	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	-0-
Exemplu: $u = \propto u$	2 () () () () () () () () () (
$verset \Rightarrow \frac{u}{ u } = $ $R_1 = \{-e_1, e_2\}$	y ryser ortonormat in U	
$\mathbb{R}^3 = \mathcal{U} \oplus \mathcal{U}$	$\Delta m = 1$	-9
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