Cholesti (l31 l52 l33 / 0 0 l33 / 931 d32 d3) 11 - do 1 => Por = Va 12 121 11= 921 =) 121 = 021 l21+l22 =922=> l22= V 922-l2, l31 l11 = 931=> l31 = 931 lagl 21 + laz lz 2 = a32 => laz = a32 - lan l21 $|||_{31}^{2} + ||_{32}^{2} + ||_{33}^{2} = ||_{33}^{2} = ||_{33}^{2} - ||_{31}^{2} - ||_{32}^{2}$ for j = 1: i - 1 $lij = aij - \sum_{k=1}^{j-1} lik \cdot ljk$ lii = V dii - 5 lih

Lones 375	CB Andrei Zonut	
N=7	Gran - Lehmidt	11/1
	$A = \begin{bmatrix} a_{11} & a_{12} & a_{13} \\ a_{21} & a_{22} & a_{23} \end{bmatrix}$	
	Notam aj > coloana j din A 2j > coloana j din Q	
	$U_1 = \alpha_1$ $2_1 = \frac{\alpha_1}{\ u_1\ }$	
	$u_2 = a_2 - 291, a_2 > 21$ $u_2 = u_2$	
l,	$(23 = a_3 - 21, a_3 - 21 - 22, a_3 - 22$	
l ₂	$\frac{9}{2} = \frac{4}{11431}$	
l ₂₁	$u_{j} = a_{j} - \frac{2}{2} \cdot 2_{i}, a_{j} \cdot 2_{i}$	
(D'5).	2j = 1/4 j	
	Counct ou ComCou	

$$R = \begin{bmatrix} \|u_{1}\| & \langle g_{1}, a_{2} \rangle & \langle 2_{2}, a_{3} \rangle \\ 0 & \|u_{2}\| & \langle 2_{2}, a_{3} \rangle \\ 0 & 0 & \|u_{3}\| \end{bmatrix}$$

$$A = \begin{bmatrix} 1 & 17 & 1 \\ -1 & 0 & 1 \\ 1 & 1 & 2 \end{bmatrix}$$

$$a_{1} & a_{2} & a_{3}$$

$$u_{1} = a_{1} = \begin{bmatrix} -1 \\ -1 \end{bmatrix}$$

$$g_{1} = \begin{bmatrix} u_{1} \\ 1 \\ 1 \end{bmatrix} = \begin{bmatrix} 1 \\ 0 \\ 1 \end{bmatrix}$$

$$u_{2} = a_{2} - \langle g_{1}, a_{2} \rangle g_{1}^{2} = \begin{bmatrix} 1 \\ 0 \\ 1 \end{bmatrix} = \begin{bmatrix} 1 \\ 0 \\ 1 \end{bmatrix} + \begin{bmatrix} 1 \\ -\frac{2}{3} \\ \frac{2}{3} \\ \frac{2}{3} \end{bmatrix} = \begin{bmatrix} 1 \\ \frac{2}{3} \\ \frac{2}{3} \end{bmatrix}$$

$$2_{2} = \underbrace{u_{2}}_{\|u_{2}\|} = \underbrace{v_{3}}_{1} = \underbrace{v_{3}}_{1}$$

$$\begin{bmatrix}
\frac{1}{2} & -\frac{2}{\sqrt{3}} & -\frac{1}{\sqrt{3}} \\
-\frac{1}{\sqrt{3}} & -\frac{5\sqrt{6}}{6} & \sqrt{6}/6
\end{bmatrix} = \begin{bmatrix}
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\frac{1}{2} & +\frac{2}{3} & +\frac{2}{3} \\
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\frac{1}{3} & -\frac{5}{6} & -$$

