$$A - \lambda I = \begin{bmatrix} 2 - \lambda & 3 \\ 4 & 3 - \lambda \end{bmatrix}$$

$$= \left( \left( 2-k \right) \cdot \left( 3-k \right) - 12 \right)$$

$$= \frac{2}{5} - 6$$

$$\lambda^2 - 5\lambda - 6 = 0$$

$$\lambda = -b \pm \sqrt{b^2 - 4ac}$$

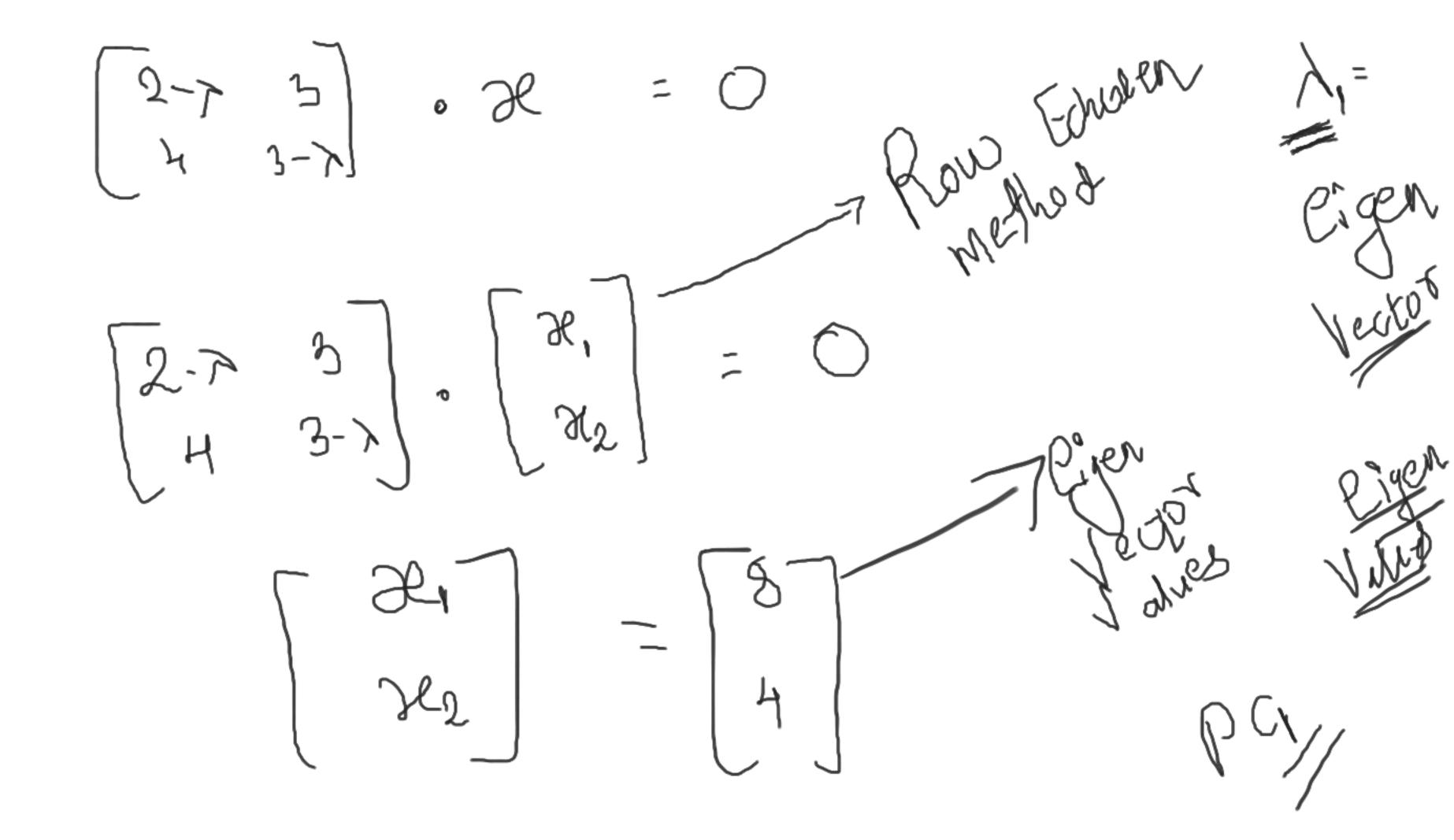
$$a = 1 \quad b = -5 \quad C = -6$$

$$= +5 \pm \sqrt{25 + 24}$$

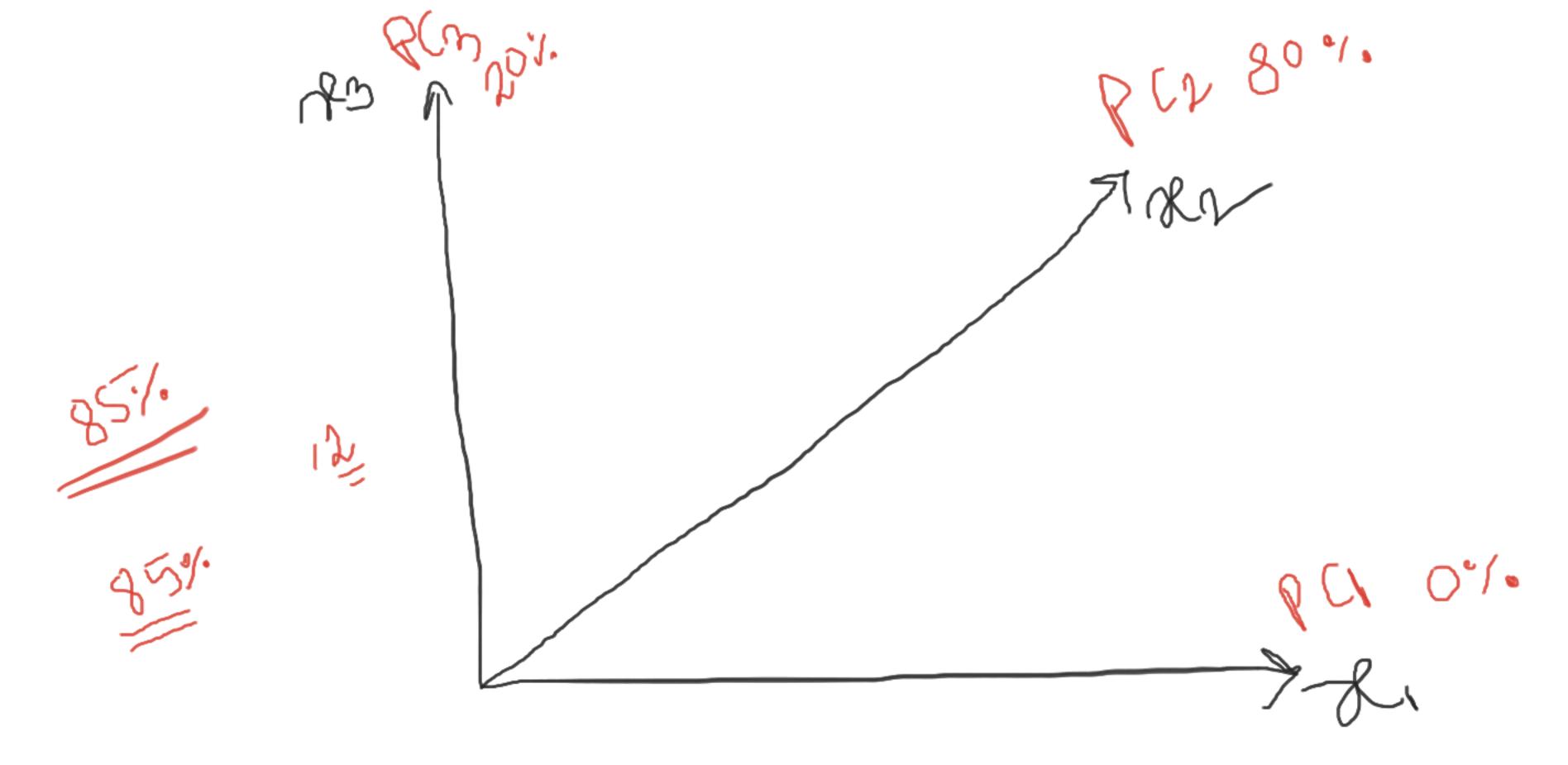
$$= + 5 \pm \sqrt{49}$$

$$\lambda_1 = \frac{12}{2} = 6$$
,  $\lambda_2 = \frac{-2}{2} = -1$ 

$$\lambda_1 = 6$$
,  $\lambda_2 = -1$ ,  $\lambda_1 = 6$ ,  $\lambda_1 = 6$ 



- H 8// 4





2 Cov matein 15

direction + 5 pool

COV(X,XCD) CoV(xix) / oxstag (OV (xx2) (DU Gezzy)

Decomposition:
Ligen
Ventors

AR = 722 Vertors Various

Homoformation:

P. U

1000 x3, 3x1 = 1×1000 = PC, -7 1000 × 3, 3×1, = 1000 ×1 - PC27 Pcz, (ii) BX1 = 1000 X1 = PC3 -> 153 (m) 1000 x3, = Poincipal component pred

That can get consider

R	1	PC2	BC2/	PCH )	14 60	PCg&	P695/	PGIO	
6	1:	51.	\O 9.	\°I•	M. 07.	5/0 1 U	2./-	34.	
6									$O(\sqrt{3})$
-	•								
			}				1		

