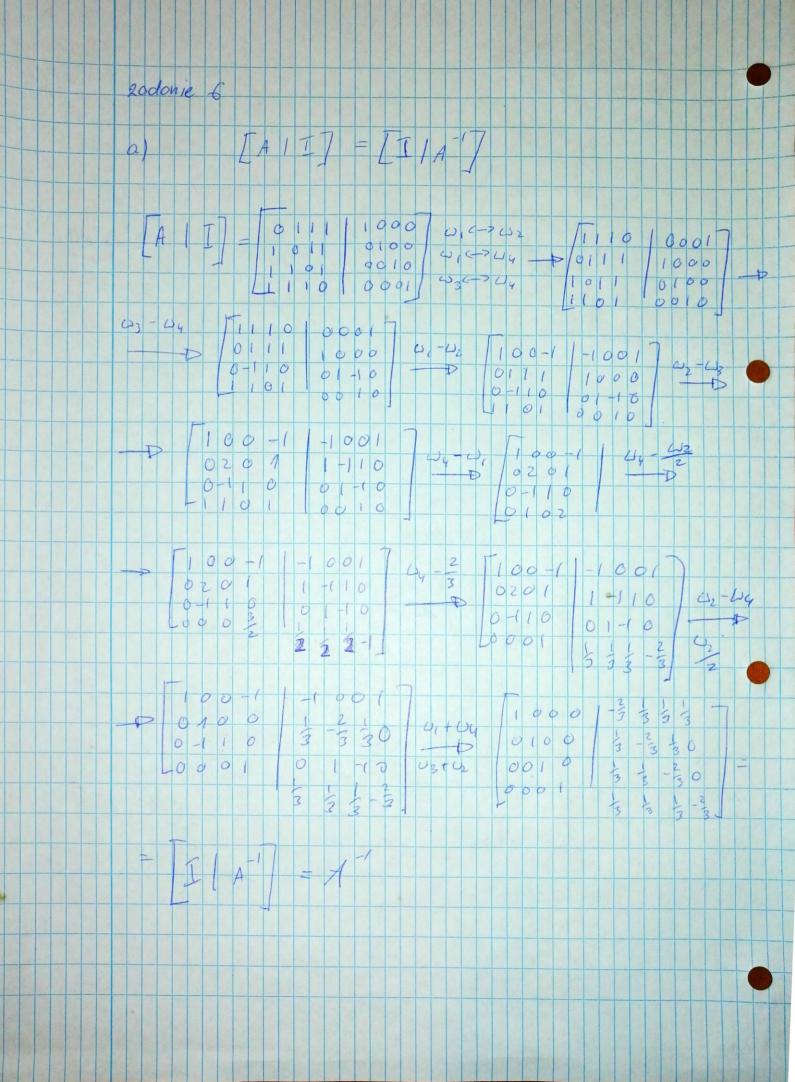
Mateuse Rejro 20 dans 1 A = [0 0 0] A² = [i 0 0] $A^{3} = \begin{bmatrix} 7 & 0 & 0 & 1 \\ 0 & -i & 0 \\ 0 & 0 & 1 \end{bmatrix}, A^{4} = \begin{bmatrix} 0 & 0 & 0 \\ 0 & 0 & 1 \\ 0 & 0 & i^{2} \end{bmatrix}$ A = 10 - 15 0 | A = 10 16 0 Li 0 0 + Lo 0 13 diagonolise $A = \begin{bmatrix} 0 & 0 & 1 \\ 0 & -1 & 1 \end{bmatrix}$ aykonyjes tothe eavoryé je dla polsy posystych mojemy ropisoi eszév: A = Toingnon dla n payeych dla potsy niepaystyu A = 10 in 8 / dla k = 2 2aokvoglore de cairente estates 200 kuglone u dot do linb correction A = [50 6 6] mainy size



20danie 7 J2 to. Lapleaca det A = Z aice Din Din = (1) ith Min $\begin{bmatrix}
1 & 2 & 0 & 0 & 0 \\
2 & 2 & 2 & 0 \\
0 & 2 & 1 & 2
\end{bmatrix} = (-1)^{2} \begin{bmatrix}
1 & 2 & 0 & 0 \\
2 & 1 & 2 & 0 \\
0 & 2 & 1
\end{bmatrix} = (-1)^{3} \begin{bmatrix}
2 & 2 & 0 & 0 \\
2 & 1 & 2 & 0
\end{bmatrix}$ $\begin{bmatrix}
1 & 2 & 0 & 7 & 1 & 4 & 4 & 0 & 7 & 1 & -3 & -2 & 0 & 7 \\
2 & 1 & 2 & 1 & 1 & 2 & 2 & 1 & 2 & -1 & -2 & 1 \\
0 & 2 & 1 & 1 & 2 & 2 & 2 & 1 & 2 & -1 & -2 & 1 \\
0 & 2 & 1 & 1 & 2 & 2 & 2 & 2 & 2 & -1 & -2
\end{bmatrix}$ metoda

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Scovusa

D

2-(-2/2-1= = (-3)(-1)(-1)+(-(2)(-2)(-3))-(-1)(-2)-2-= -3+12-4=5 det 1 = 5

