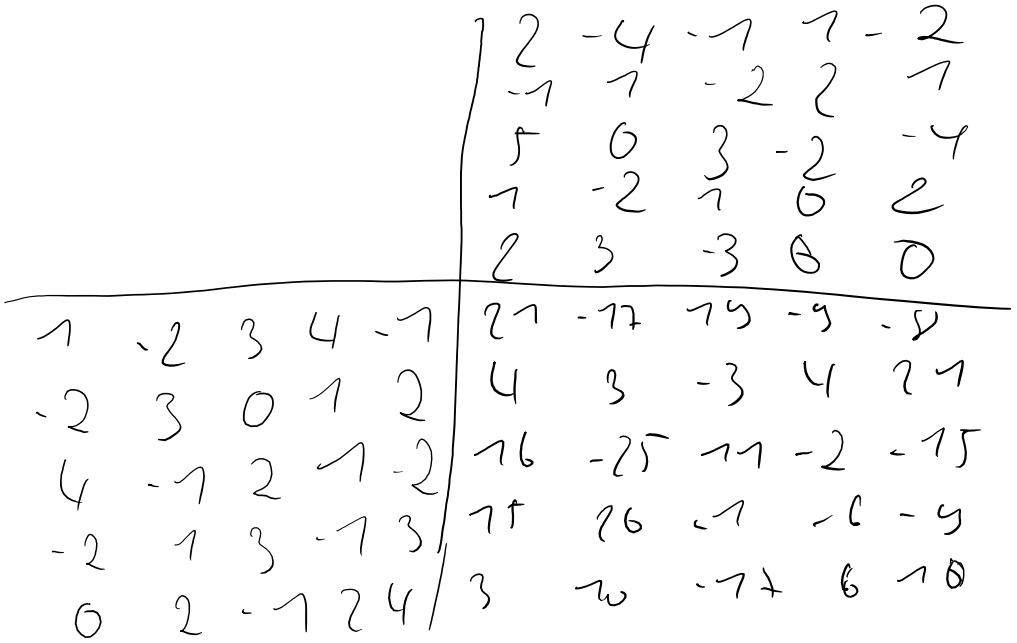
Aufgabe 2

Mittwoch, 12. Oktober 2016 10:12

$$A = \begin{pmatrix} 1 & -2 & 3 & 4 & -1 \\ -2 & 3 & 0 & 1 & 2 \\ 4 & -1 & 2 & 1 & -2 \\ -2 & 1 & 3 & -1 & 3 \\ 0 & 2 & -1 & 2 & 4 \end{pmatrix} \quad \text{und} \quad B = \begin{pmatrix} 2 & -4 & -1 & 1 & -2 \\ -1 & 1 & -2 & 2 & 1 \\ 5 & 0 & 3 & -2 & -4 \\ 1 & -2 & 1 & 0 & 2 \\ 2 & 3 & -3 & 0 & 0 \end{pmatrix}$$



$$\Rightarrow C = \begin{pmatrix} 21 & -17 & 15 & -9 & -9 \\ 4 & 3 & -3 & 4 & 21 \\ 16 & -25 & 11 & -2 & -15 \\ 15 & 26 & -1 & -6 & -9 \\ 3 & 16 & -17 & 6 & 10 \end{pmatrix}$$