$$(0.06025 2.37 1.387)$$
 $(0.06025 2.37 0.586)$
 $(0.06025 1.267 0.586)$
 $(2.5.104 2.3.109 1.4.109)$

$$\begin{pmatrix}
2, 5.10^{-4} & 2, 3.10^{0} & 1.4.10^{0} \\
1.0.10^{1} & 1.3.10^{0} & 5, 9.10^{-1}
\end{pmatrix}$$

$$\begin{pmatrix} 1.0.10^{1} & 1.3.10^{\circ} & 5.9.10^{-1} \\ 2.5.10^{-4} & 2.3.10^{\circ} & 1.4.10^{\circ} \end{pmatrix}$$
 $\boxed{1-40.164.11}$

$$\begin{bmatrix}
 1,0.10^{1} & 1,3.10^{0} & 5,9.10^{-1} \\
 0 & -9,2.10^{4} & -5,6.10^{4}
 \end{bmatrix}$$

$$\chi_2 = \frac{-5.6 \cdot 10^4}{-9.2 \cdot 10^4} = \frac{6.1 \cdot 10^{-5}}{10^{-5}}$$

$$x_{1} = \frac{5.9 \cdot 10^{-1} - (1.3 \cdot x_{2})}{1.6 \cdot 10^{1}} = -\frac{2.0 \cdot 10^{-2}}{1}$$

ohne Pivot.

$$\begin{pmatrix}
2, 5.10^{-4} & 2, 3.10^{0} & 1.4.10^{0} \\
1.0.10^{1} & 1.3.10^{0} & 5, 9.10^{-1}
\end{pmatrix}$$

$$\begin{pmatrix}
2, 5.10^{-4} & 2, 3.10^{0} & 1.4.10^{0} \\
3 & 2, 3.10^{0} & 1.4.10^{0}
\end{pmatrix}$$

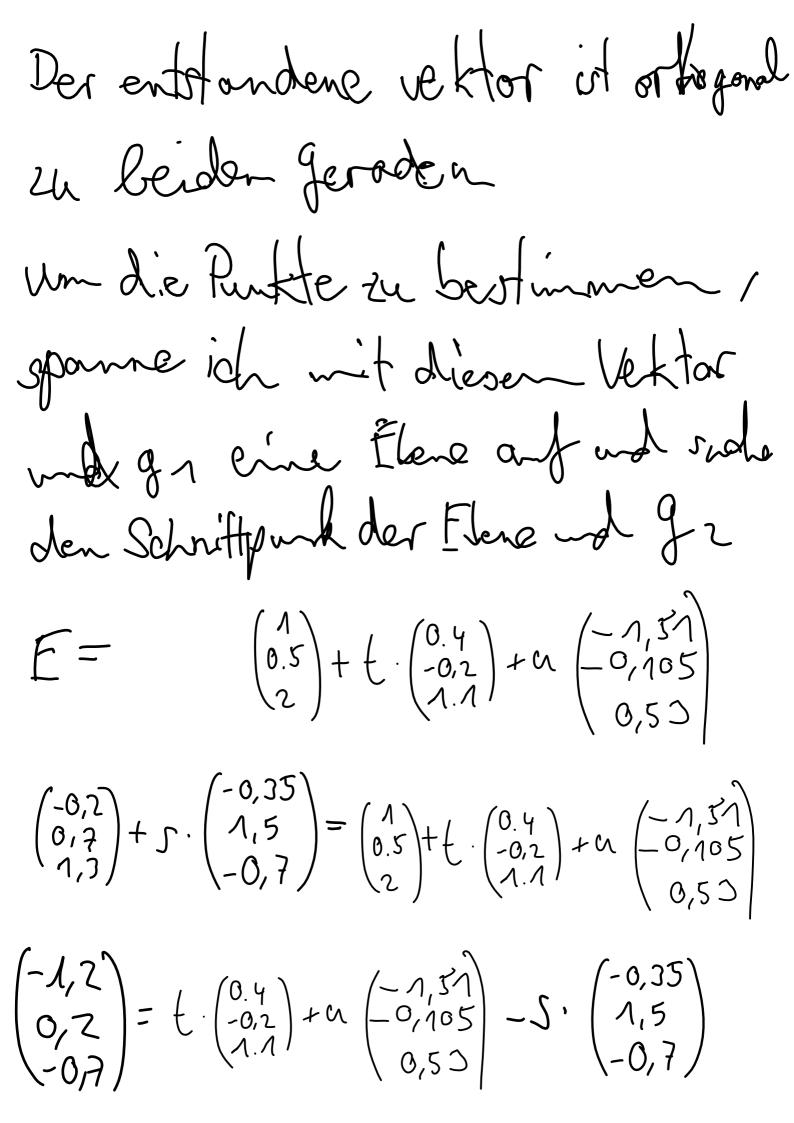
$$x_2 = \frac{1.4}{7.7} = 6.1 \cdot 10^{-1}$$

$$x_{1} = \frac{1.4 - 2.3 \cdot x_{2}}{2.5 \cdot 10^{-4}} = -1.2 \cdot 10^{3}$$

$$g_{i}$$
 $\times = b_{1} + t_{1} = 0.5$
 $\begin{pmatrix} 1 \\ 0.5 \\ 2 \end{pmatrix} + t_{1} + \begin{pmatrix} 0.4 \\ -0.2 \\ 1.1 \end{pmatrix}$

$$92 \times 50_2 + 5.72 =$$

$$\begin{pmatrix} -0.2 \\ 0.7 \\ 1.3 \end{pmatrix} + 5. \begin{pmatrix} -0.35 \\ 1.5 \\ -0.7 \end{pmatrix}$$



$$\begin{pmatrix}
-1,2 \\
0,2 \\
-0,2
\end{pmatrix} = \begin{pmatrix}
0.4 \\
-0.2 \\
1.1
\end{pmatrix} + \alpha \begin{pmatrix}
-1.51 \\
-0.105 \\
0.53
\end{pmatrix} + S \cdot \begin{pmatrix}
+0.35 \\
-1.5 \\
+0.7
\end{pmatrix}$$

$$\begin{pmatrix}
0.4 \\
-1.51 \\
-1.51 \\
0.75
\end{pmatrix} - 1.5 \\
0.75
\end{pmatrix} - 1.5 \\
0.77$$

$$\begin{pmatrix}
0.4 \\
-1.05 \\
-1.05 \\
-1.05
\end{pmatrix} - 1.5 \\
0.77$$

$$\begin{pmatrix}
0.75 \\
-1.7
\end{pmatrix} - 0.7$$

LGS Dösen

$$t - \frac{1373}{2137} \qquad S = \frac{4512}{10585}$$

$$4 = \frac{1373}{10585}$$

$$U = \frac{1136}{2137}$$

$$P_{\Lambda} = \begin{pmatrix} 1 \\ 0.5 \\ 2 \end{pmatrix} + \left(\frac{0.4}{-0.2} \right) = \begin{pmatrix} 0.4 \\ -0.2 \\ 1.311385 \end{pmatrix}$$

$$P_{2} = \begin{pmatrix} -0.2 \\ 0.7 \\ 1.7 \end{pmatrix} + 5 \cdot \begin{pmatrix} -0.35 \\ 1.5 \\ -0.7 \end{pmatrix} = \begin{pmatrix} -0.052204 \\ 0.0665887 \\ 1.59559 \end{pmatrix}$$