13. Abgabe

$$A11(a)A - \begin{pmatrix} 8 & -5 & 2 \\ 2 & 4 & 1 \\ 0 & -3 & 4 \end{pmatrix}$$

$$\frac{3}{2} |\alpha_{2V}| = |2| + |-1| = 3$$

$$|\alpha_{33}| = |4| = 4$$

$$|a_{33}| = 14 = 4$$

$$\frac{2}{2} |\alpha_{3V}| = |0| + |-3| = 3$$

 $\frac{1}{2} |\alpha_{3V}| = |0| + |-3| = 3$
 $\frac{1}{2} |\alpha_{3V}| = |0| + |-3| = 3$

5)
$$A = \begin{pmatrix} 8-50 \\ 24-2 \\ 0-44 \end{pmatrix}$$
 $|a_{11}| = ... = 8$
 $\frac{2}{3}|a_{10}| = ... = 5$
 $|a_{21}| = ... = 4$
 $|a_{21}| = ... = 4$
 $|a_{22}| = ... = 4$
 $|a_{33}| = ... = 4$
 $|a_{34}| = ... = 4$
 $|a_{34}| = ... = 4$
 $|a_{35}| =$

$$\begin{array}{ll}
42 & 12 \times_1 + 4 \times_2 = 64 \\
-5 \times_1 + 8 \times_2 = -46 \\
\times^0 = \begin{pmatrix} \times_{10} \\ \times_{20} \end{pmatrix} = \begin{pmatrix} 0 \\ 0 \end{pmatrix}$$

Jacobi :
1.54iff :

$$X_1^2 = (64 - 4x_2^0)/12 = (64 - 0)/12 = 5,33$$

 $x_2^1 = (-46 + 5x_1^0)/9 = (-46 + 0)/8 = -7,75$
2.54vift $x_1^2 = (64 - x_2^0)/12 = (64 - 4 \cdot -5,75)/12$
 $= (44 + 23)/2 = 87/2 = 7,25$
 $x_2^2 = (-46 + 5x_1^0)/9 = (-46 + 5\cdot5,33)/9$
 $= (-46 + 26,65)/9 = -19,35/8 = -2,42$

Goals-Scide(:

1.54)14

$$X_1 = (64 - 4x_2^0)/12 = (64 - 0)/12 = 5,33$$
 $X_2 = (-4615x_1^0)/8 = (-46+5.5,33)/8$
 $= (-46+26,65)/8 = -19,35/8 = -2,42$

2. Schrift

 $x_1^2 = (64 - 4x_2^0)/12 = (64 - 4.2,42)/12$
 $= (64 + 9,68)/12 = 73,68/12 = 6,14/8$
 $= (-46+30,7)/8 = -15,3/8 = -191$