Zeiler Sunner. Kriterium

b) 
$$x^{(k+1)} = -D^{-1}(L+R)x^{(k)} + D^{-1}b$$

$$A = \begin{pmatrix} 8 & 5 & 2 \\ 5 & 0 & 1 \\ 9 & 2 & 7 \end{pmatrix} \qquad C = \begin{pmatrix} 0 & 0 & 0 \\ 5 & 0 & 0 \\ 9 & 7 & 0 \end{pmatrix} \qquad R = \begin{pmatrix} 0 & 5 & 7 \\ 0 & 0 & 1 \\ 0 & 0 & 0 \end{pmatrix} \qquad D = \begin{pmatrix} 8 & 0 & 0 \\ 0 & 9 & 6 \\ 0 & 0 & 7 \end{pmatrix}$$

$$\chi^{(3)} = \begin{pmatrix} 2.7098 \\ -0.6524 \\ 4.3776 \end{pmatrix}$$

$$\frac{||B||}{|A-||B||} || \times^{(3)} - \times^{(1)} ||$$

$$\chi^{(2)} = \begin{pmatrix} 1.4405 \\ -1.2074 \\ 3.6667 \end{pmatrix}$$

Python Solve > absoluter Feller = 5.3854

d)
$$\frac{\left(\log\left(\frac{ass.feller\cdot(1-1|S|)}{|1\times^2-x^{(n-1)}||}\right)}{\left(\log\left(\frac{|1|S||}{|1|S||}\right)}$$

 $2. \quad 6) \begin{pmatrix} 2.0147 \\ -1.0054 \\ 3.9934 \end{pmatrix}$ 

c) ass. Feller = 0.2546 J) 60 Herationen