$$A = \begin{pmatrix} 21 & 5 & 3 \\ 3 & 16 & 3 \\ 5 & 1 & 19 \end{pmatrix} \qquad b = \begin{pmatrix} 3 \\ 6 \\ 9 \end{pmatrix} \qquad \chi_0 = \begin{pmatrix} 0 \\ 0 \\ 0 \end{pmatrix}$$

$$A = \begin{pmatrix} 21 & 5 & 3 \\ 5 & 1 & 19 \\ 0 & 0 \end{pmatrix}$$

$$A = \begin{pmatrix} 21 & 5 & 3 \\ 6 & 3 \\ 5 & 1 & 19 \\ 0 & 0 \end{pmatrix}$$

d urepayeur cunnerpuzobannoro neroga Vayca - 3erigene; Mr, Mr, yr, yr

Penenne:

$$P = (D+4)^{-1}L(D+L)^{-1}U =$$

$$= \begin{pmatrix} 0 - 0.0166 & -0.0109 \\ 0 0.0533 & 0.0182 \\ 0 0.0603 & 0.046 \end{pmatrix}$$

$$y_0 = X_0 \qquad M_0 = 1 \qquad M_1 = \frac{1}{p} = 13,62751$$

max = 0,073381 = P

Mix = P Mi - Mi-1

$$y_{i+1} = \frac{2 Mi}{P Mi+c} \left(Py_{i}+c\right) - \frac{M_{i-1}}{M_{i+1}} y_{i-1}$$

3aganue 12

0.0189187 0.269884 0.417763 nmsjdvn 0.00992434 0.287236 0.454502 13.6275 - M 370.418 - M 0.00920896 0.287709 0.456019 370.418 - M 10082.1 - M

$$\begin{cases}
6 \\
6 \\
6
\end{cases}
\qquad \chi_0 = \begin{pmatrix} 0 \\
0 \\
0 \\
0 \end{pmatrix}$$