

W przykładach:

Metoda Jacobi

$$M = \begin{bmatrix} 0 & -\frac{1}{9} & -\frac{1}{9} \\ -\frac{2}{10} & 0 & -\frac{3}{10} \\ -\frac{3}{11} & -\frac{4}{11} & 0 \end{bmatrix}$$

$$\|M\| = \frac{7}{10} \doteq 0.636$$

Gauss-Seidel'a

$$M = \begin{bmatrix} 0 & -\frac{1}{9} & -\frac{1}{9} \\ 0 & \frac{1}{45} & -\frac{5}{18} \\ 0 & \frac{1}{45} & \frac{13}{99} \end{bmatrix}$$

$$\|M\| = 0.3$$