7.2.
$$A = \begin{pmatrix} 0.8 & 2.2 & 3.6 \\ 2.0 & 3.0 & 4.0 \\ 4.1 & 2.0 & 5.8 \end{pmatrix}, b = \begin{pmatrix} 2.4 \\ 4.6 \\ 4.0 \end{pmatrix}, P = \begin{pmatrix} 0.7 & 0 \\ 0.7 & 0 \\ 0.0 & 1 \end{pmatrix}$$

2) $\begin{array}{c} 0.8 & 2.2 & 3.6 \\ 4.0 & 0.0 & 1 \\ 2.0 & 3.0 & 4.0 & 0.0 \\ 4.2 & 2.0 & 5.8 & 0.0 & 0.0 \\ 4.2 & 2.0 & 5.8 & 0.0 & 0.0 \\ 4.2 & 2.0 & 5.8 & 0.0 & 0.0 \\ 4.2 & 2.0 & 5.8 & 0.0 & 0.0 \\ 4.2 & 2.0 & 5.8 & 0.0 & 0.0 \\ 4.2 & 2.0 & 5.8 & 0.0 & 0.0 \\ 4.2 & 2.0 & 5.8 & 0.0 & 0.0 \\ 4.2 & 2.0 & 3.0 & 4.0 & 0.0 \\ 2.3 & 4.0 & 0.0 & 2.0 \\ 2.5 & 0.0 & 2.0 & 2.0 & 3.0 & 4.0 \\ 4.0 & 2.0 & 2.0 & 0.0 \\ 4.0 & 0.0 & 4.0 & 2.4 \\ 4.0 & 2.4 & 3.0 \\ 4.0 & 2.4 & 4.0 \\ 2.4 & 4.0 & 3.0 \\ 2.4 &$

c) Die Berlegungen engelsen dieselben Mabricen wie ven Hand berechnel.