10.01*

söndag 3 mars 2024 23:01

Sats 10.2

$x_1^T x_2 = 0 \qquad x_1^T x_3 = 0 \qquad x_2^T x_3 = 0$

$Q^{-1} = Q^T$ (pga Q = ortogonal, s. 142 bevis)

$$Q^T = \begin{pmatrix} 0 & 1/\sqrt{2} & 1/\sqrt{2} \\ 1 & 0 & 0 \\ 0 & -1/\sqrt{2} & 1/\sqrt{2} \end{pmatrix} = Q^{-1}$$