

ITM426. Engineering Math

Short Quiz 5, 2025F, Weighting of 5%

Name: []

#1. Find the Cholesky decomposition for the following matrix. [5pt]

$$S = \begin{bmatrix} 5 & 2 & 0 \\ 2 & 6 & 2 \\ 0 & 2 & 7 \end{bmatrix}$$