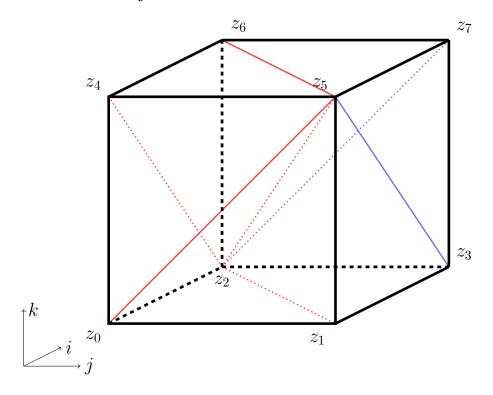
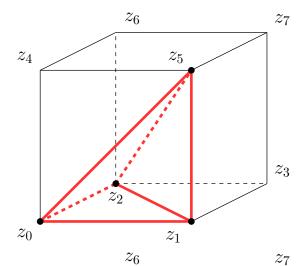
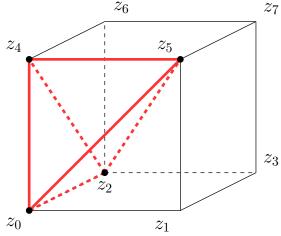
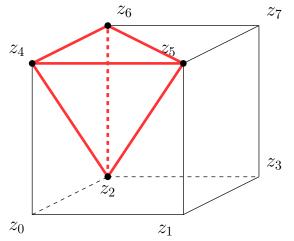
1 Geometry



2 Element stiffness matrix







$$(z_0 \ z_1 \ z_2 \ z_5)$$

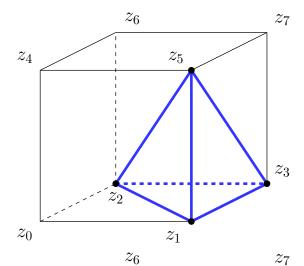
$$egin{array}{ccccc} z_0 & z_1 & z_2 & z_5 \ z_0 & 2 & -1 & -1 & \ z_1 & -1 & 2 & & -1 \ z_2 & -1 & & 1 \ z_5 & & -1 & & 1 \ \end{array}$$

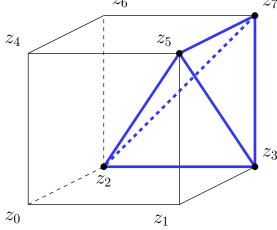
$$(z_0 \ z_2 \ z_4 \ z_5)$$

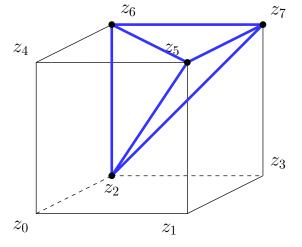
$$z_{0} \quad z_{2} \quad z_{4} \quad z_{5}$$

$$z_{0} \begin{pmatrix} 2 & -1 & -1 & \\ -1 & 1 & \\ -1 & 2 & -1 \\ z_{5} \end{pmatrix}$$

$$(z_2 \ z_4 \ z_5 \ z_6)$$







$$(z_1 \ z_2 \ z_3 \ z_5)$$

$$(z_2 \ z_3 \ z_5 \ z_7)$$

$$(z_2 \ z_5 \ z_6 \ z_7)$$