$$E_G(C) = \begin{pmatrix} E_{1,1} & E_{1,2} & E_{1,3} & E_{1,4} \\ E_{1,2} & E_{2,2} & E_{2,3} & E_{2,4} \\ E_{1,3} & E_{2,3} & E_{3,3} & 0 \\ E_{1,4} & E_{2,4} & 0 & E_{4,4} \end{pmatrix}$$