A Projection

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$$\begin{pmatrix} \phi & \phi & 1 & -1 & 0 & 0 \\ 1 & -1 & 0 & 0 & \phi & \phi \\ 0 & 0 & \phi & \phi & 1 & -1 \\ -1 & -1 & \phi & -\phi & 0 & 0 \\ \phi & -\phi & 0 & 0 & -1 & -1 \\ 0 & 0 & -1 & -1 & \phi & -\phi \end{pmatrix}$$