

$$\begin{array}{cccc}
 m \times m & m \times (mD) & (mD) \times (mD) & (mD) \times m \\
 \left[ \begin{array}{c} \\ \\ \end{array} \right] & = & \left[ \begin{array}{c} \\ \\ \end{array} \right] & \left[ \begin{array}{c} \\ \\ \end{array} \right] \\
 H_{B(l+1,m)} & 0 & H_e & 0^\dagger
 \end{array}$$