$$\begin{array}{ccccccc}
H\Lambda^0(\Omega) & \xrightarrow{\text{d}} & H\Lambda^1(\Omega) & \xrightarrow{\text{d}} & H\Lambda^2(\Omega) & \xrightarrow{\text{d}} & L^2\Lambda^3(\Omega) \\
\Big\downarrow{\Pi_0} & & \Big\downarrow{\Pi_1} & & \Big\downarrow{\Pi_2} & & \Big\downarrow{\Pi_3} \\
V_0 & \xrightarrow[\text{(}\mathbb{G}\text{)}]{\text{d}} & V_1 & \xrightarrow[\text{(}\mathbb{C}\text{)}]{\text{d}} & V_2 & \xrightarrow[\text{(}\mathbb{D}\text{)}]{\text{d}} & V_3
\end{array}$$