$$\begin{array}{ccccccc}
\Omega^0(M) & \xrightarrow{\ d\ } & \Omega^1(M) & \xrightarrow{\ d\ } & \Omega^2(M) & \xrightarrow{\ d\ } & \Omega^3(M) \\
\Big\| & & \cong \Big\uparrow {\flat} & & \cong \Big\uparrow {\star^\flat} & & \cong \Big\uparrow {\cdot\,\mathrm{dVol}_M} \\
C^\infty(M) & \xrightarrow{\ \nabla\ } & \mathfrak{X}(M) & \xrightarrow{\ \nabla\times\ } & \mathfrak{X}(M) & \xrightarrow{\ \nabla\cdot\ } & C^\infty(M)
\end{array}$$