$$\boldsymbol{A} = A + A^x \boldsymbol{e_x} + A^y \boldsymbol{e_y} + A^z \boldsymbol{e_z} + A^{xy} \boldsymbol{e_x} \wedge \boldsymbol{e_y} + A^{xz} \boldsymbol{e_x} \wedge \boldsymbol{e_z} + A^{yz} \boldsymbol{e_y} \wedge \boldsymbol{e_z} + A^{xyz} \boldsymbol{e_x} \wedge \boldsymbol{e_y} \wedge \boldsymbol{e_z}$$

$$\begin{aligned}
\boldsymbol{A} =\ & A \\
& + A^x \boldsymbol{e_x} + A^y \boldsymbol{e_y} + A^z \boldsymbol{e_z} \\
& + A^{xy} \boldsymbol{e_x} \wedge \boldsymbol{e_y} + A^{xz} \boldsymbol{e_x} \wedge \boldsymbol{e_z} + A^{yz} \boldsymbol{e_y} \wedge \boldsymbol{e_z} \\
& + A^{xyz} \boldsymbol{e_x} \wedge \boldsymbol{e_y} \wedge \boldsymbol{e_z}
\end{aligned}$$

$$\begin{aligned}
\boldsymbol{A} =\ & A \\
& + A^x \boldsymbol{e_x} \\
& + A^y \boldsymbol{e_y} \\
& + A^z \boldsymbol{e_z} \\
& + A^{xy} \boldsymbol{e_x} \wedge \boldsymbol{e_y} \\
& + A^{xz} \boldsymbol{e_x} \wedge \boldsymbol{e_z} \\
& + A^{yz} \boldsymbol{e_y} \wedge \boldsymbol{e_z} \\
& + A^{xyz} \boldsymbol{e_x} \wedge \boldsymbol{e_y} \wedge \boldsymbol{e_z}
\end{aligned}$$