$$\psi = \psi + \psi^{01}\boldsymbol{\gamma}_0\wedge\boldsymbol{\gamma}_1 + \psi^{02}\boldsymbol{\gamma}_0\wedge\boldsymbol{\gamma}_2 + \psi^{03}\boldsymbol{\gamma}_0\wedge\boldsymbol{\gamma}_3 + \psi^{12}\boldsymbol{\gamma}_1\wedge\boldsymbol{\gamma}_2 + \psi^{13}\boldsymbol{\gamma}_1\wedge\boldsymbol{\gamma}_3 + \psi^{23}\boldsymbol{\gamma}_2\wedge\boldsymbol{\gamma}_3 + \psi^{0123}\boldsymbol{\gamma}_0\wedge\boldsymbol{\gamma}_1\wedge\boldsymbol{\gamma}_2\wedge\boldsymbol{\gamma}_3$$

$$B = B^{01}\boldsymbol{\gamma}_0\wedge\boldsymbol{\gamma}_1 + B^{02}\boldsymbol{\gamma}_0\wedge\boldsymbol{\gamma}_2 + B^{03}\boldsymbol{\gamma}_0\wedge\boldsymbol{\gamma}_3 + B^{12}\boldsymbol{\gamma}_1\wedge\boldsymbol{\gamma}_2 + B^{13}\boldsymbol{\gamma}_1\wedge\boldsymbol{\gamma}_3 + B^{23}\boldsymbol{\gamma}_2\wedge\boldsymbol{\gamma}_3$$

$$\begin{aligned}
B\psi - \psi B = {} & \left(-2\left(\gamma_2\cdot\gamma_2\right)B^{02}\psi^{12} + 2\left(\gamma_2\cdot\gamma_2\right)B^{12}\psi^{02} - 2\left(\gamma_3\cdot\gamma_3\right)B^{03}\psi^{13} + 2\left(\gamma_3\cdot\gamma_3\right)B^{13}\psi^{03}\right)\boldsymbol{\gamma}_0\wedge\boldsymbol{\gamma}_1 \\
& + \left(2\left(\gamma_1\cdot\gamma_1\right)B^{01}\psi^{12} - 2\left(\gamma_1\cdot\gamma_1\right)B^{12}\psi^{01} - 2\left(\gamma_3\cdot\gamma_3\right)B^{03}\psi^{23} + 2\left(\gamma_3\cdot\gamma_3\right)B^{23}\psi^{03}\right)\boldsymbol{\gamma}_0\wedge\boldsymbol{\gamma}_2 \\
& + \left(2\left(\gamma_1\cdot\gamma_1\right)B^{01}\psi^{13} - 2\left(\gamma_1\cdot\gamma_1\right)B^{13}\psi^{01} + 2\left(\gamma_2\cdot\gamma_2\right)B^{02}\psi^{23} - 2\left(\gamma_2\cdot\gamma_2\right)B^{23}\psi^{02}\right)\boldsymbol{\gamma}_0\wedge\boldsymbol{\gamma}_3 \\
& + \left(-2\left(\gamma_0\cdot\gamma_0\right)B^{01}\psi^{02} + 2\left(\gamma_0\cdot\gamma_0\right)B^{02}\psi^{01} - 2\left(\gamma_3\cdot\gamma_3\right)B^{13}\psi^{23} + 2\left(\gamma_3\cdot\gamma_3\right)B^{23}\psi^{13}\right)\boldsymbol{\gamma}_1\wedge\boldsymbol{\gamma}_2 \\
& + \left(-2\left(\gamma_0\cdot\gamma_0\right)B^{01}\psi^{03} + 2\left(\gamma_0\cdot\gamma_0\right)B^{03}\psi^{01} + 2\left(\gamma_2\cdot\gamma_2\right)B^{12}\psi^{23} - 2\left(\gamma_2\cdot\gamma_2\right)B^{23}\psi^{12}\right)\boldsymbol{\gamma}_1\wedge\boldsymbol{\gamma}_3 \\
& + \left(-2\left(\gamma_0\cdot\gamma_0\right)B^{02}\psi^{03} + 2\left(\gamma_0\cdot\gamma_0\right)B^{03}\psi^{02} - 2\left(\gamma_1\cdot\gamma_1\right)B^{12}\psi^{13} + 2\left(\gamma_1\cdot\gamma_1\right)B^{13}\psi^{12}\right)\boldsymbol{\gamma}_2\wedge\boldsymbol{\gamma}_3
\end{aligned}$$