$$F_0 = -1$$

$$F_1 = -1$$

$$E_{10} = 2 + 2e_1 \wedge e_2 \wedge \bar{e}_1 \wedge \bar{e}_2$$

$$F_{10} = -2 - 2e_1 \wedge e_2 \wedge \bar{e}_1 \wedge \bar{e}_2$$

$$F_2 = -1$$

$$E_{20} = 2 + 2e_1 \wedge e_3 \wedge \bar{e}_1 \wedge \bar{e}_3$$

$$F_{20} = -2 - 2e_1 \wedge e_3 \wedge \bar{e}_1 \wedge \bar{e}_3$$

$$E_{21} = 2 + 2e_2 \wedge e_3 \wedge \bar{e}_2 \wedge \bar{e}_3$$

$$F_{21} = -2 - 2e_2 \wedge e_3 \wedge \bar{e}_2 \wedge \bar{e}_3$$

$$F_3 = -1$$

$$E_{30} = 2 + 2e_1 \wedge e_4 \wedge \bar{e}_1 \wedge \bar{e}_4$$

$$F_{30} = -2 - 2e_1 \wedge e_4 \wedge \bar{e}_1 \wedge \bar{e}_4$$

$$E_{31} = 2 + 2e_2 \wedge e_4 \wedge \bar{e}_2 \wedge \bar{e}_4$$

$$F_{31} = -2 - 2e_2 \wedge e_4 \wedge \bar{e}_2 \wedge \bar{e}_4$$

$$E_{32} = 2 + 2e_3 \wedge e_4 \wedge \bar{e}_3 \wedge \bar{e}_4$$

$$F_{32} = -2 - 2e_3 \wedge e_4 \wedge \bar{e}_3 \wedge \bar{e}_4$$

$$F_4 = -1$$

$$E_{40} = 2 + 2e_1 \wedge e_5 \wedge \bar{e}_1 \wedge \bar{e}_5$$

$$F_{40} = -2 - 2e_1 \wedge e_5 \wedge \bar{e}_1 \wedge \bar{e}_5$$

$$E_{41} = 2 + 2e_2 \wedge e_5 \wedge \bar{e}_2 \wedge \bar{e}_5$$

$$F_{41} = -2 - 2e_2 \wedge e_5 \wedge \bar{e}_2 \wedge \bar{e}_5$$

$$E_{42} = 2 + 2e_3 \wedge e_5 \wedge \bar{e}_3 \wedge \bar{e}_5$$

$$F_{42} = -2 - 2e_3 \wedge e_5 \wedge \bar{e}_3 \wedge \bar{e}_5$$

$$E_{43} = 2 + 2e_4 \wedge e_5 \wedge \bar{e}_4 \wedge \bar{e}_5$$

$$F_{43} = -2 - 2e_4 \wedge e_5 \wedge \bar{e}_4 \wedge \bar{e}_5$$

$$F_5 = -1$$

$$E_{50} = 2 + 2e_1 \wedge e_6 \wedge \bar{e}_1 \wedge \bar{e}_6$$

$$F_{50} = -2 - 2e_1 \wedge e_6 \wedge \bar{e}_1 \wedge \bar{e}_6$$

$$E_{51} = 2 + 2e_2 \wedge e_6 \wedge \bar{e}_2 \wedge \bar{e}_6$$

$$F_{51} = -2 - 2e_2 \wedge e_6 \wedge \bar{e}_2 \wedge \bar{e}_6$$

$$E_{52} = 2 + 2e_3 \wedge e_6 \wedge \bar{e}_3 \wedge \bar{e}_6$$

$$F_{52} = -2 - 2e_3 \wedge e_6 \wedge \bar{e}_3 \wedge \bar{e}_6$$

$$E_{53} = 2 + 2e_4 \wedge e_6 \wedge \bar{e}_4 \wedge \bar{e}_6$$

$$F_{53} = -2 - 2e_4 \wedge e_6 \wedge \bar{e}_4 \wedge \bar{e}_6$$

$$E_{54} = 2 + 2e_5 \wedge e_6 \wedge \bar{e}_5 \wedge \bar{e}_6$$

$$F_{54} = -2 - 2e_5 \wedge e_6 \wedge \bar{e}_5 \wedge \bar{e}_6$$

$$K_i = [e_1 \wedge \bar{e}_1, e_2 \wedge \bar{e}_2, e_3 \wedge \bar{e}_3, e_4 \wedge \bar{e}_4, e_5 \wedge \bar{e}_5, e_6 \wedge \bar{e}_6]$$

$$E_{ij} = [-1e_1\wedge e_2+\bar{e}_1\wedge\bar{e}_2, -1e_1\wedge e_3+\bar{e}_1\wedge\bar{e}_3, -1e_2\wedge e_3+\bar{e}_2\wedge\bar{e}_3, -1e_1\wedge e_4+\bar{e}_1\wedge\bar{e}_4, -1e_2\wedge e_4+\bar{e}_2\wedge\bar{e}_4, -1e_3\wedge e_4+\bar{e}_3\wedge\bar{e}_4, -1e_1\wedge e_5+\bar{e}_1\wedge\bar{e}_5, -1e_2\wedge e_5+\bar{e}_2\wedge\bar{e}_5, -1e_3\wedge e_5+\bar{e}_3\wedge\bar{e}_5, -1e_4\wedge e_5+\bar{e}_4\wedge\bar{e}_5, -1e_1\wedge e_6+\bar{e}_1\wedge\bar{e}_6, -1e_2\wedge e_6+\bar{e}_2\wedge\bar{e}_6, -1e_3\wedge e_6+$$

$$F_{ij} = [e_1\wedge\bar{e}_2+e_2\wedge\bar{e}_1, e_1\wedge\bar{e}_3+e_3\wedge\bar{e}_1, e_2\wedge\bar{e}_3+e_3\wedge\bar{e}_2, e_1\wedge\bar{e}_4+e_4\wedge\bar{e}_1, e_2\wedge\bar{e}_4+e_4\wedge\bar{e}_2, e_3\wedge\bar{e}_4+e_4\wedge\bar{e}_3, e_1\wedge\bar{e}_5+e_5\wedge\bar{e}_1, e_2\wedge\bar{e}_5+e_5\wedge\bar{e}_2, e_3\wedge\bar{e}_5+e_5\wedge\bar{e}_3, e_4\wedge\bar{e}_5+e_5\wedge\bar{e}_4, e_1\wedge\bar{e}_6+e_6\wedge\bar{e}_1, e_2\wedge\bar{e}_6+e_6\wedge\bar{e}_2, e_3\wedge\bar{e}_6+e_6\wedge\bar{e}_3, e_4\wedge\bar{e}_6+e_6\wedge\bar{e}_4, e_5\wedge\bar{e}_6+e_6\wedge\bar{e}_5]$$

$-\frac{1}{2}e_1 \wedge e_2 + \frac{1}{2}\bar{e}_1 \wedge \bar{e}_2$

$-\frac{1}{2} - \frac{1}{2}e_1 \wedge e_2 \wedge \bar{e}_1 \wedge \bar{e}_2$

$\frac{1}{2}e_1 \wedge e_2 - \frac{1}{2}\bar{e}_1 \wedge \bar{e}_2$

$\frac{1}{2} + \frac{1}{2}e_1 \wedge e_2 \wedge \bar{e}_1 \wedge \bar{e}_2$

$-\frac{1}{2}e_1 \wedge e_2 + \frac{1}{2}\bar{e}_1 \wedge \bar{e}_2$

$-\frac{1}{2} - \frac{1}{2}e_1 \wedge e_2 \wedge \bar{e}_1 \wedge \bar{e}_2$

$\frac{1}{2}e_1 \wedge e_2 - \frac{1}{2}\bar{e}_1 \wedge \bar{e}_2$

$\frac{1}{2} + \frac{1}{2}e_1 \wedge e_2 \wedge \bar{e}_1 \wedge \bar{e}_2$

$-\frac{1}{2}e_1 \wedge e_2 + \frac{1}{2}\bar{e}_1 \wedge \bar{e}_2$

$-\frac{1}{2} - \frac{1}{2}e_1 \wedge e_2 \wedge \bar{e}_1 \wedge \bar{e}_2$

$\frac{1}{2}e_1 \wedge e_2 - \frac{1}{2}\bar{e}_1 \wedge \bar{e}_2$

$\frac{1}{2} + \frac{1}{2}e_1 \wedge e_2 \wedge \bar{e}_1 \wedge \bar{e}_2$

$[e_1, e_2, e_3, e_4, e_5, e_6]$

$[\bar{e}_1, \bar{e}_2, \bar{e}_3, \bar{e}_4, \bar{e}_5, \bar{e}_6]$