$n=4$　$k=2$ の場合

$$d\left(f_{12}\, dx^1\wedge dx^2 + f_{13}\, dx^1\wedge dx^3 + f_{14}\, dx^1\wedge dx^4 \right.$$
$$\left. + f_{23}\, dx^2\wedge dx^3 + f_{24}\, dx^2\wedge dx^4 + f_{34}\, dx^3\wedge dx^4 \right)$$
$$= df_{12}\wedge dx^1\wedge dx^2 + df_{13}\wedge dx^1\wedge dx^3 + df_{14}\wedge dx^1\wedge dx^4$$
$$+ df_{23}\wedge dx^2\wedge dx^3 + df_{24}\wedge dx^2\wedge dx^4 + df_{34}\wedge dx^3\wedge dx^4$$