

$$2\pi_{bc}^2 \pi_a s^c \nabla^b f^a + 2\pi_{ab}^2 \pi_c s^c + 2\pi_{ac}^2 \pi_b s^b - 2\pi_{ab}^2 \pi_c f^a \nabla^c s_b - 2\pi_{ac}^2 \pi_b f^a \nabla^c s_b - 2\pi_{bc}^2 \pi_a f^a \nabla^c s_b + 2\pi_{bc}^2 \pi_a s^a \nabla^b f^c + 2\pi_{ac}^2 \pi_b s^a \nabla^b f^c - 2\pi_{ab}^2 \pi_c s^a \nabla^b f^c - 2\pi_{ab}^2 \pi_c f^a \nabla^c s_b + 2\pi_{ac}^2 \pi_b f^a \nabla^c s_b - 2\pi_{bc}^2 \pi_a f^a \nabla^c s_b$$