

$$2 \pi_{bc} \nabla_a s^c \nabla^b f^a - 2 s^a \nabla_a f^b \nabla_c \pi_b^c + 2 f^a \nabla_a s^b \nabla_c \pi_b^c - 2 s^a \nabla^b f_a \nabla_c \pi_b^c + 2 f^a \nabla^b s_a \nabla_c \pi_b^c +$$

$$2 \pi_{ab} \nabla^b f^a \nabla_c s^c + 2 s^a \nabla_a \pi_{bc} \nabla^c f^b - 2 \pi_{ac} \nabla^b f^a \nabla^c s_b - 2 f^a \nabla_a \pi_{bc} \nabla^c s^b - 2 \pi_{bc} \nabla_a f^a \nabla^c s^b$$