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