

$$\left\{ \pi_b^b{}_a, \pi_a^c{}_{ab}, b_b^{a'} \pi_b^{b'}{}_a \gamma^{||}{}_{a'b'}, \pi_a^{b'}{}_{ab} b_c^{a'} \gamma^{||}{}_{a'b'}, 0, 0 \right\}$$