

$$(a) \ R_{RTT}^{(3)} = \left(\frac{i}{\hbar}\right)^2 \langle [\mu(t_1 + t_2), [\mu(t_1), \Pi(0)]] \rangle$$

$$(b) \ R_{TRT}^{(3)} = \left(\frac{i}{\hbar}\right)^2 \langle [\mu(t_1 + t_2), [\Pi(t_1), \mu(0)]] \rangle$$

$$(c) \ R_{TTR}^{(3)} = \left(\frac{i}{\hbar}\right)^2 \langle [\Pi(t_1 + t_2), [\mu(t_1), \mu(0)]] \rangle$$

$$(d) \ R_{TTT}^{(3)} = \left(\frac{i}{\hbar}\right)^3 \langle [\mu(t_1 + t_2), [\mu(t_1), [\mu(t_1), \mu(0)]]] \rangle$$