qcmacros

$a_p^\dagger$

$\tilde{a}_{rs}^{pq}$

$\overline{H}$

$\hat{H}$

$\Psi^{(2)}$

$\langle\Psi|$

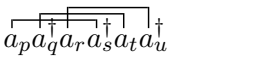
$|\Psi\rangle$

$\langle\Psi|\hat{O}|\Psi\rangle$

$|\mathrm{vac}\rangle$

$:a_p a_q^\dagger a_r^\dagger a_s a_t^\dagger:$

$\vdots a_p a_q^\dagger a_r^\dagger a_s a_t^\dagger \vdots$



$a_p^\bullet a_q^{\dagger\circ} a_r^{\bullet\bullet} a_s^{\dagger\bullet} a_t^\circ a_u^{\dagger\bullet\bullet}$

$$\langle\langle \hat{A}; \hat{B} \rangle\rangle_\omega = \frac{1}{\hbar} \sum_{k \neq 0} \left(\frac{\langle\Psi_0|\hat{A}|\Psi_k\rangle\langle\Psi_k|\hat{B}|\Psi_0\rangle}{\omega - \omega_k} - \frac{\langle\Psi_0|\hat{B}|\Psi_k\rangle\langle\Psi_k|\hat{A}|\Psi_0\rangle}{\omega + \omega_k} \right)$$