$$a_p \equiv \stackrel{p}{\downarrow} \qquad a_p^{\dagger} \equiv \stackrel{1}{\downarrow} \qquad b_a \equiv \stackrel{i}{\downarrow} \qquad b_i \equiv \stackrel{i}{\downarrow} \qquad b_a^{\dagger} \equiv \stackrel{1}{\downarrow} \qquad b_i^{\dagger} \equiv \stackrel{1}{\downarrow}$$
 (1)

$$a_{q_1q_2\cdots q_n}^{p_1p_2\cdots p_n} \equiv \begin{cases} p_1 & p_2 & p_n \\ \downarrow & \downarrow & \downarrow \\ q_1 & q_2 & q_n \end{cases} \qquad \tilde{a}_{q_1q_2\cdots q_n}^{p_1p_2\cdots p_n} \equiv \begin{cases} p_1 & p_2 & p_n \\ \downarrow & \downarrow & \downarrow \\ \downarrow & \downarrow & \downarrow \\ q_1 & q_2 & q_n \end{cases}$$
 (2)

$$\left(\frac{1}{n!}\right)^{2} v_{p_{1}p_{2}\dots p_{n}}^{q_{1}q_{2}\dots q_{n}} \tilde{a}_{q_{1}q_{2}\dots q_{n}}^{p_{1}p_{2}\dots p_{n}} \equiv \boxed{v} \longrightarrow \cdots \longrightarrow \cdots \longrightarrow \cdots$$

$$(3)$$

$$h_p^q a_q^p \equiv \boxtimes -$$
 (4)

$$\boxtimes \stackrel{\downarrow}{\longrightarrow} = \boxtimes \stackrel{\downarrow}{\longrightarrow} + \boxtimes \stackrel{\downarrow}{\longrightarrow} + \boxtimes \stackrel{\downarrow}{\longrightarrow}$$
 (6)

$$\frac{1}{4}\overline{g}_{pq}^{rs}a_{rs}^{pq} =$$

$$E_c = \frac{ }{\exp\left(\underbrace{\bigvee \bigvee \bigvee}_{c} \right)} = \underbrace{ }_{c}$$
 (12)

$$E_{c} \stackrel{a \downarrow i \downarrow b \downarrow j}{\bigvee} = \bigotimes_{\phi} + \bigoplus_{\phi} = \bigotimes_{\phi} + \bigoplus_{\phi} + \bigotimes_{\phi} +$$

