

--- --- $\uparrow\downarrow$ $\uparrow\downarrow$ $ \Psi_0\rangle$	$\xrightarrow{\hat{R}_{EA}}$	--- $\uparrow\text{---}$ $\uparrow\downarrow$ $\uparrow\downarrow$ $a_3^\dagger \Psi_0\rangle$	--- $\uparrow\downarrow$ $\uparrow\text{---}$ $\uparrow\downarrow$ $a_3^\dagger a_{\bar{3}}^\dagger a_{\bar{2}} \Psi_0\rangle$	$\uparrow\text{---}$ --- $\uparrow\downarrow$ $\uparrow\downarrow$ $a_4^\dagger \Psi_0\rangle$	$\text{---}\downarrow$ $\uparrow\text{---}$ $\uparrow\text{---}$ $\uparrow\downarrow$ $a_4^\dagger a_3^\dagger a_{\bar{2}} \Psi_0\rangle$	--- $\uparrow\downarrow$ $\uparrow\downarrow$ $\uparrow\text{---}$ $a_3^\dagger a_{\bar{3}}^\dagger a_{\bar{1}} \Psi_0\rangle$	\dots
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