$$\sigma_1'' \quad \sigma_2'' \quad \sigma_3'' \quad \sigma_4'' \qquad \sigma_{\mathcal{L}}''$$

$$\uparrow \quad c_1 \quad \uparrow \quad c_2 \quad \downarrow \quad c_3 \quad \downarrow \quad c_4 \quad \cdots \quad c_{\mathcal{L}-1} \quad \uparrow_1 \quad c_2 \quad \downarrow \quad c_3 \quad \sigma_{\mathcal{L}}$$