$$1$$

$$\mathsf{E}U_1(L) + \alpha_{1L} \qquad \mathsf{E}U_1(R) + \alpha_{1R}$$

$$p_1 \qquad p_2$$

$$2$$

$$U_{11}$$

$$\mathsf{E}U_2(L) + \alpha_{2L} \qquad \mathsf{E}U_2(R) + \alpha_{2R}$$

$$p_3 \qquad p_4$$

$$U_{13} \qquad U_{14}$$
$$U_{23} \qquad U_{24}$$