$$U_{\langle lpha_1+lpha_2
angle, \langle eta_1+eta_2
angle} egin{array}{c} U_{\langle lpha_1+lpha_2
angle, \langle eta_1+eta_2
angle} \ U_{lpha_1+lpha_2, eta_1+eta_2} \ U_{lpha_1+lpha_2, eta_1+eta_2} \ \end{array} egin{array}{c} U_{lpha_1+lpha_2, eta_1+eta_2} \ U_{lpha_1,eta_1} \ \end{array} egin{array}{c} U_{lpha_2,eta_2} \ \end{array}$$