$$a_1a_3 = x_{1111}, \qquad a_1a_4 = x_{1112}, \qquad a_2a_3 = x_{1211}, \qquad a_2a_4 = x_{1212},$$

$$b_1b_3 = x_{1121}, \qquad b_1b_4 = x_{1122}, \qquad b_2b_3 = x_{1221}, \qquad b_2b_4 = x_{1222},$$

$$c_1c_3 = x_{2111}, \qquad c_1c_4 = x_{2112}, \qquad c_2c_3 = x_{2211}, \qquad c_2c_4 = x_{2212},$$

$$d_1d_3 = x_{2121}, \qquad d_1d_4 = x_{2122}, \qquad d_2d_3 = x_{2221}, \qquad d_2d_4 = x_{2222}.$$