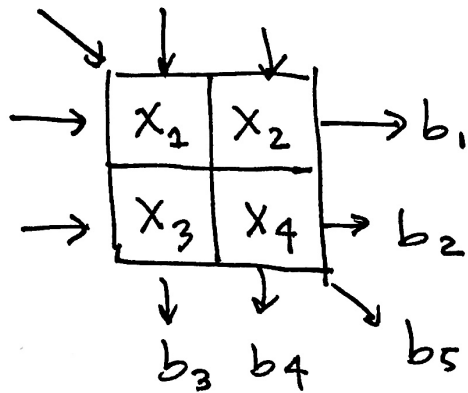$$X_1 + X_2 = b_1$$
$$X_3 + X_4 = b_2$$
$$X_1 + X_3 = b_3$$
$$X_2 + X_4 = b_4$$
$$X_1 + X_4 = b_5$$

$$b_1 = b_2 = b_3 = b_4 = 1$$