

\mathbf{x} is given
Orbit O is selected

in orbit

$$x_{i_1, j_1} = 0$$

$$x_{i_2, j_2} = 0$$

$$x_{i_3, j_3} = 0$$

...

$$x_{i_k, j_k} = 0$$

$x_{i,j} = 1$
for all i,j in O