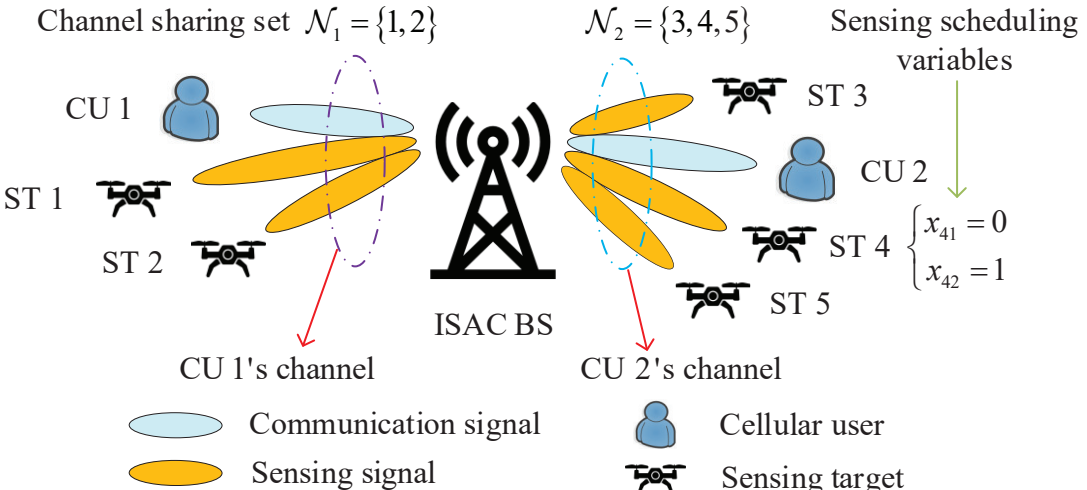
Channel sharing set $\mathcal{N}_1 = \{1,2\}$
$\mathcal{N}_2 = \{3,4,5\}$
Sensing scheduling variables
CU 1
ST 1
ST 2
ST 3
CU 2
ST 4
ST 5
$\begin{cases} x_{41} = 0 \\ x_{42} = 1 \end{cases}$
ISAC BS
CU 1's channel
CU 2's channel
Communication signal
Sensing signal
Cellular user
Sensing target