Transmit Array

scheduling variables $x_2 = 1$ and $x_I = 1$

NOMA

ISAC BS

scheduling variable $x_1 = 0$

NU 1

NU 2 $\cdots$

NU M

ST 1

ST 2

ST I

$\cdots$

NU: NOMA-user   ST: sensing target   BS: base station

$\{x_i\}_{i \in \mathcal{I}}$: sensing scheduling