

State estimation of supervisor:

$$S_0: \{(0, 5), (0, 0)\}$$
 $S1:\{(0, 0)\}$ 
$$S2:\{(0, 1), (0, 2)\}$$

S3:  $\{(1, 0), (1, 5)\}$

S4:  $\{(1, 1), (1, 2)\}$

S5:  $\{(1, 6), (1, 7), (1, 3),$

S6:  $\{(1, 6), (1, 7),$

S7:  $\{(1, 7), (1, 4)\}$

S8:  $\{(2, 3), (2, 6)\}$   
**State estimation of attacker:**

A0:{3}

A1:{5}

 $A2:\{6\}$ 

A3:{8}

A4:{4,6}

A5:{1,2,5}

A6:{4,6,7}

