

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

A0:{3}

A1:{5}

A2:{6}

A3:{8}

A4:{4,6}

A5:{1,2,5}

A6:{4,6,7}

