



↓ : arrival
 ↑ : departure

plot (X, Y)

$$A() = \{1.1, 2, 4.6, \dots\}$$

$$D() = \{3.5, 6.1, \dots\}$$

$$\text{systemStateTime}() = \{1.1, 2, 3.5, 4.6, 6.1, \dots\}$$

$$\text{systemState}() = \{1, 2, 1, 2, 1, \dots\}$$