

• { omega= omega0; delta = delta0; }

Plant_1

du:

```
delta_dot = omega;  
omega_dot = 9 - 10.*sin(delta) - omega;  
delta_out = delta;  
omega_out = omega;
```

```
clock_dot = 1;
```

[load == 1 && clock > theta]
{clock = 0;}

Plant_2

du:

```
delta_dot = omega;  
omega_dot = -10.*sin(delta) - omega;  
delta_out = delta;  
omega_out = omega;
```

```
clock_dot = 1;
```

[load == 0 && clock > theta]
{clock = 0;}