State Variables: X, Y, Z

## Regime Graph:



dX/dt = (5-X)/2

dY/dt = (X-Y)/5

dZ/dt = (1-XZ)

## **Transition: t1**

**Transition: t2** 

## Regime: regime2

dX/dt = (5-X)/2

dY/dt = 0

dZ/dt = -Z

**Transition: t3** 

**Transition: t4** 

## Regime: regime3

dX/dt = 0

dY/dt = (X-Y)/5

dZ/dt = 0

Transition: