





## Instability and outcome:













#### Stable

#### Pre-transition

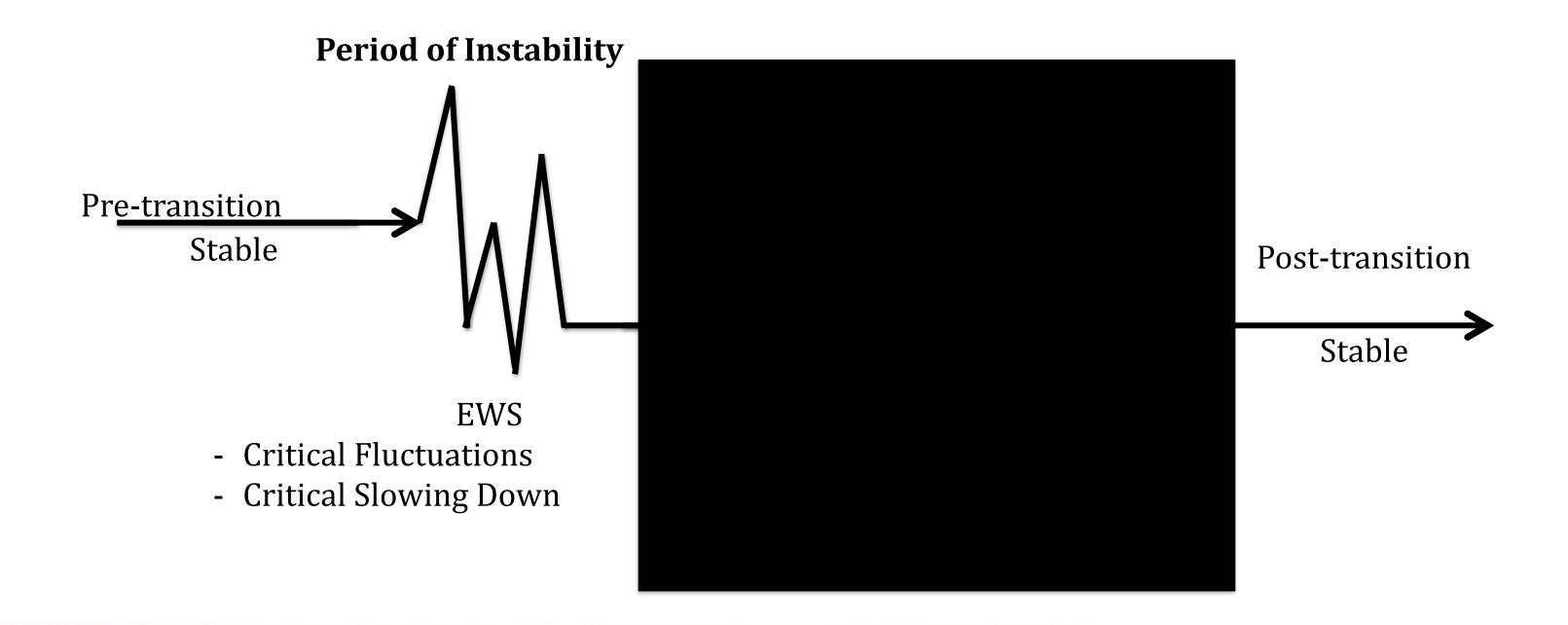
#### Post-transition

### Period of Instability

### **EWS** Critical Fluctuations Critical Slowing Down

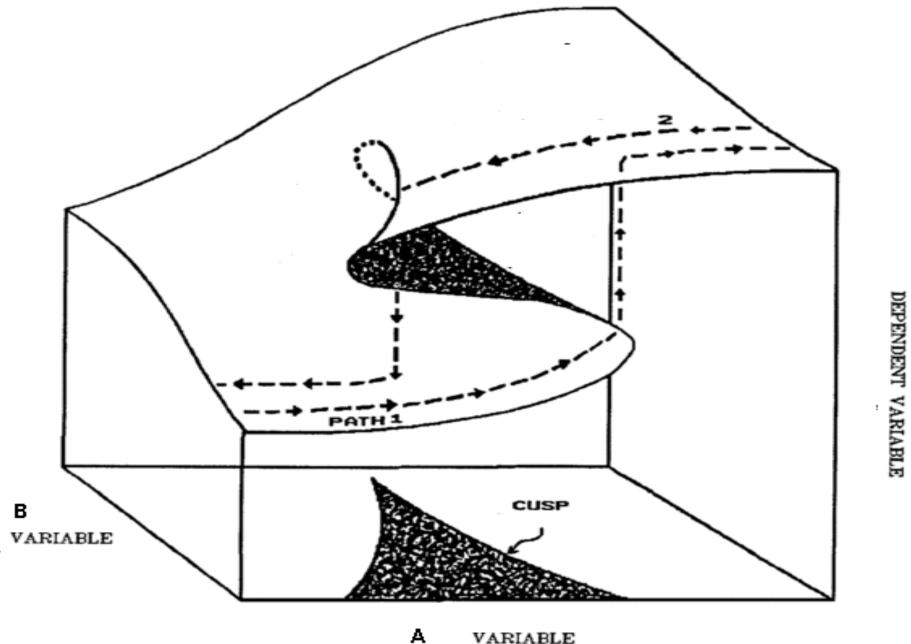
## The black box

# Instability and outcome: The black box





# Back to the theory: the phase transition



Haken, 1983; Gilmore, 1992

VARIABLE