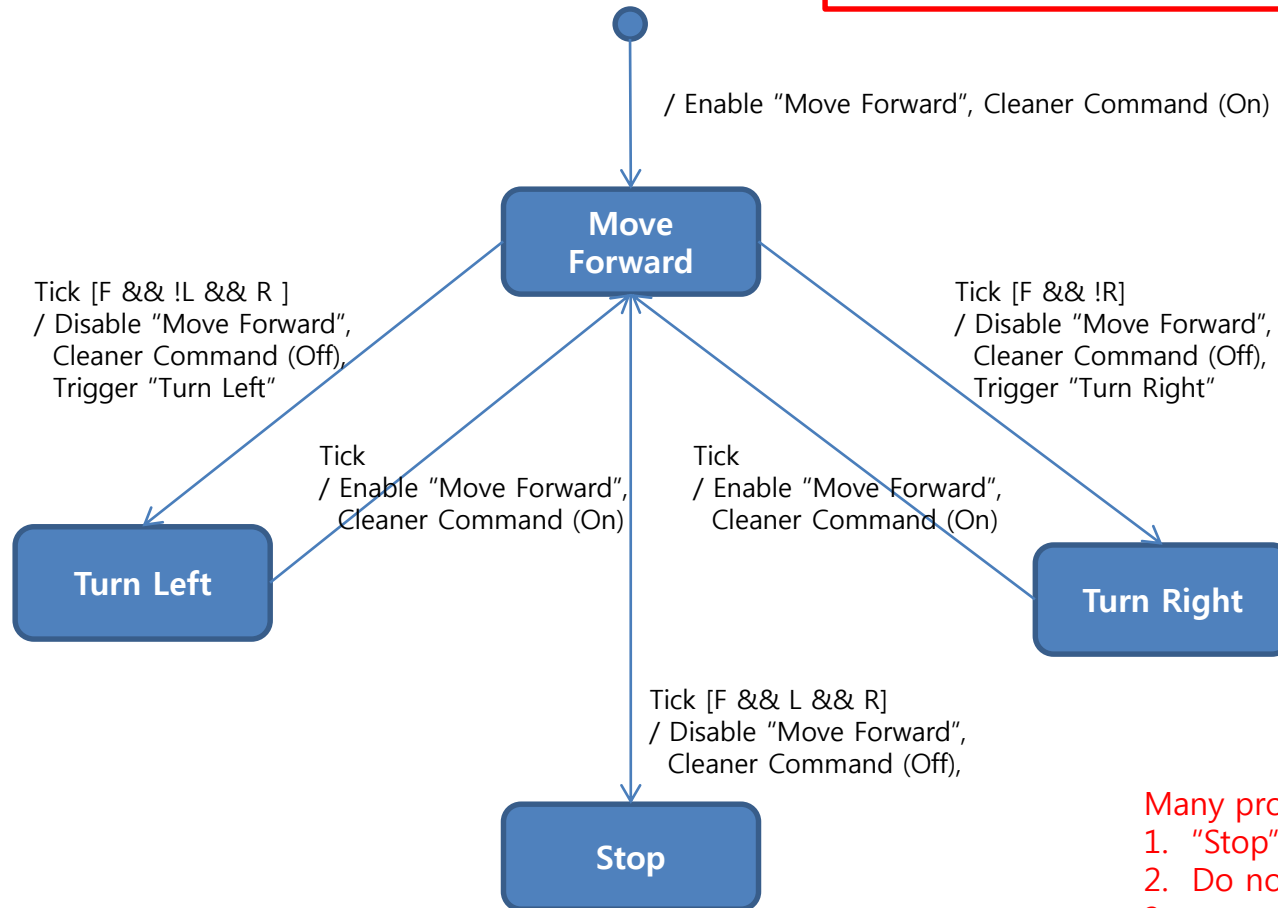
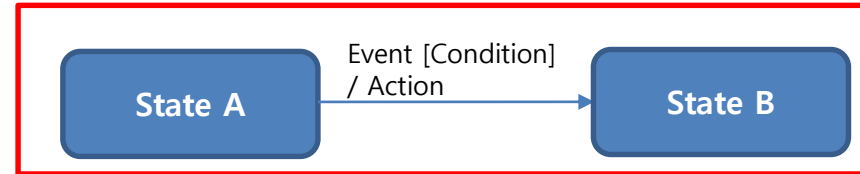


Assignment 1

Minwoo Kim

DFD Level 4 – RVC Example

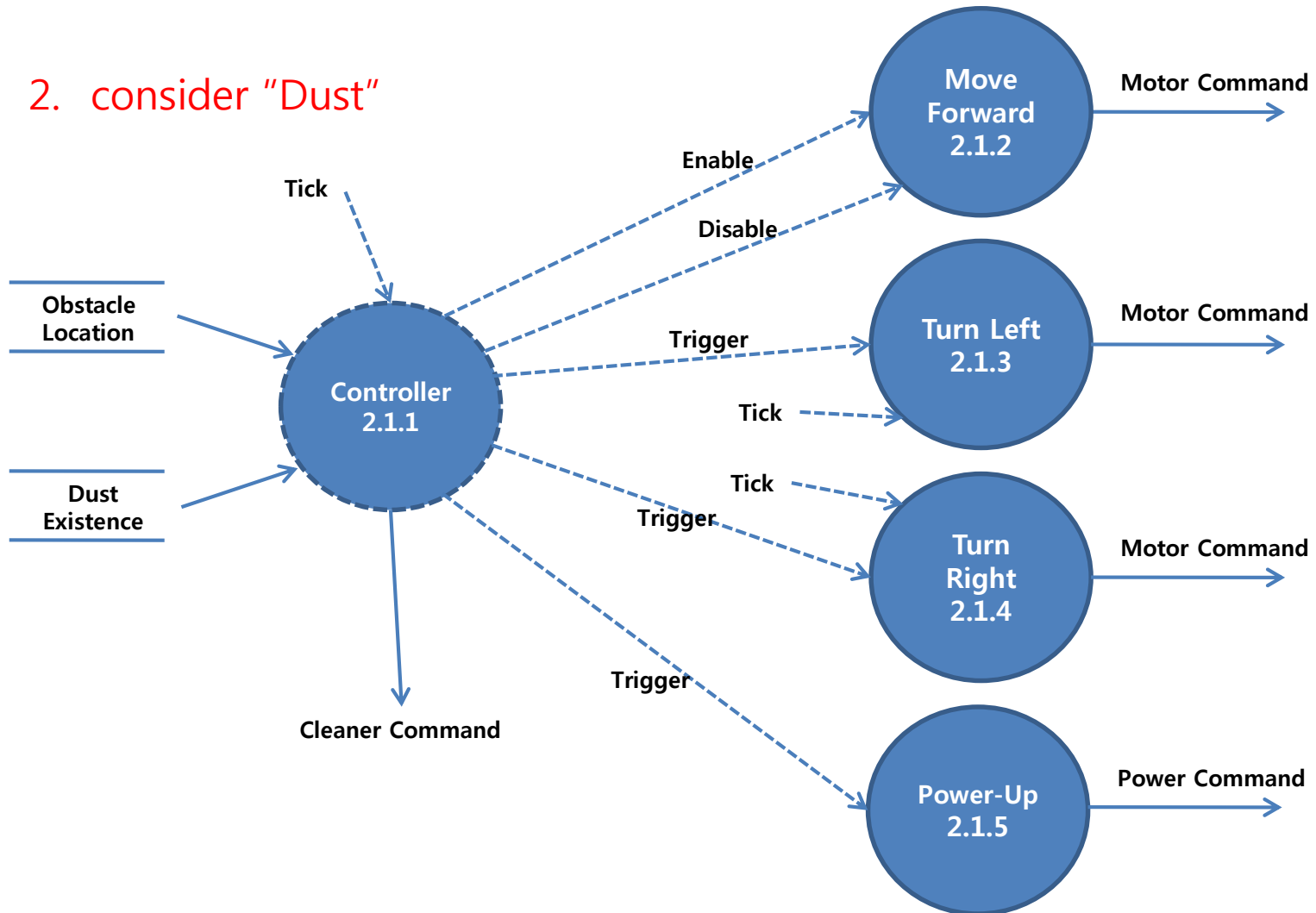
State Transition Diagram for Controller 2.1.1



Many problems in this model:
1. "Stop" state
2. Do not consider "Dust"
3. ...

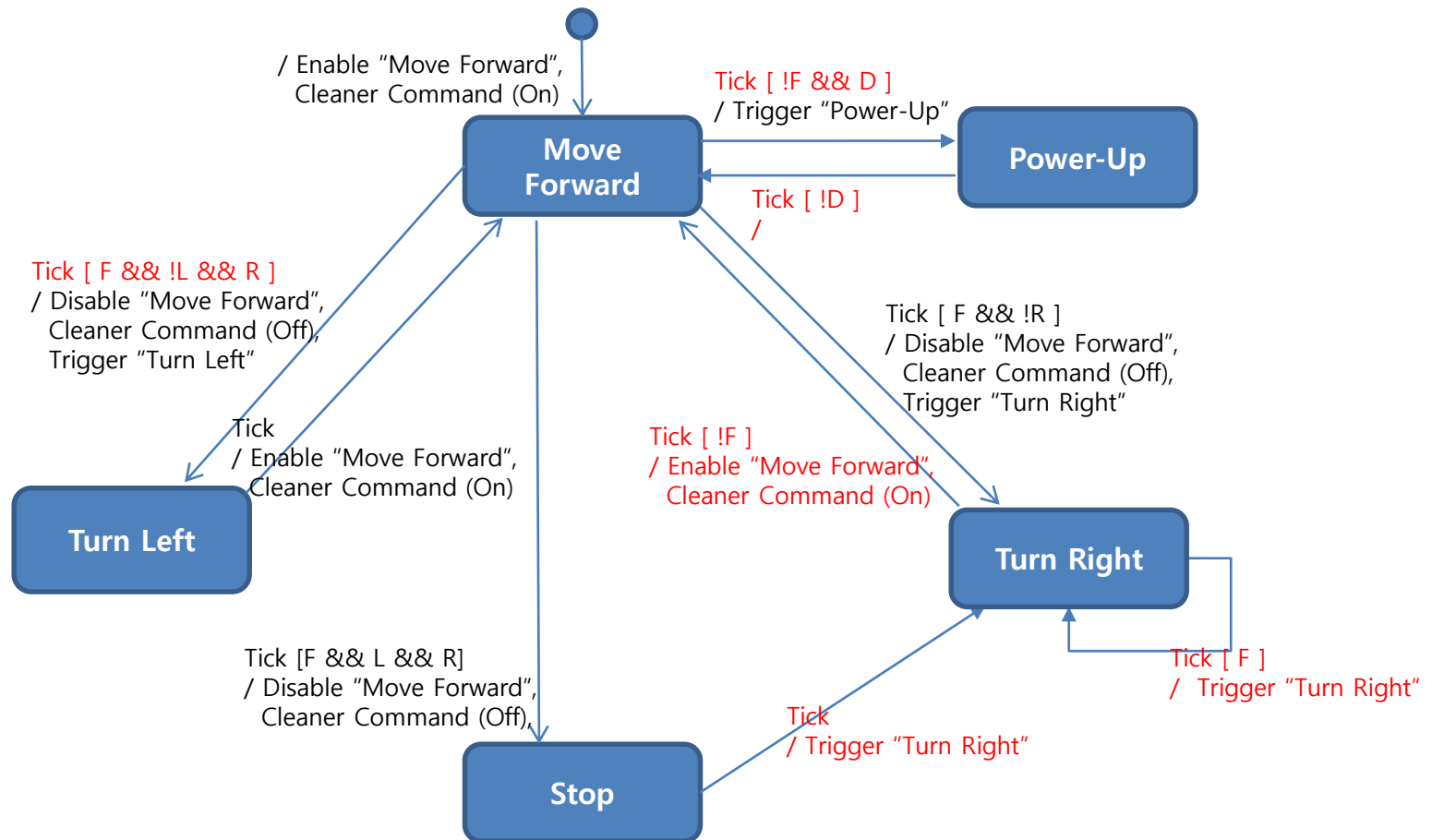
DFD Level 4 – Solution

2. consider "Dust"

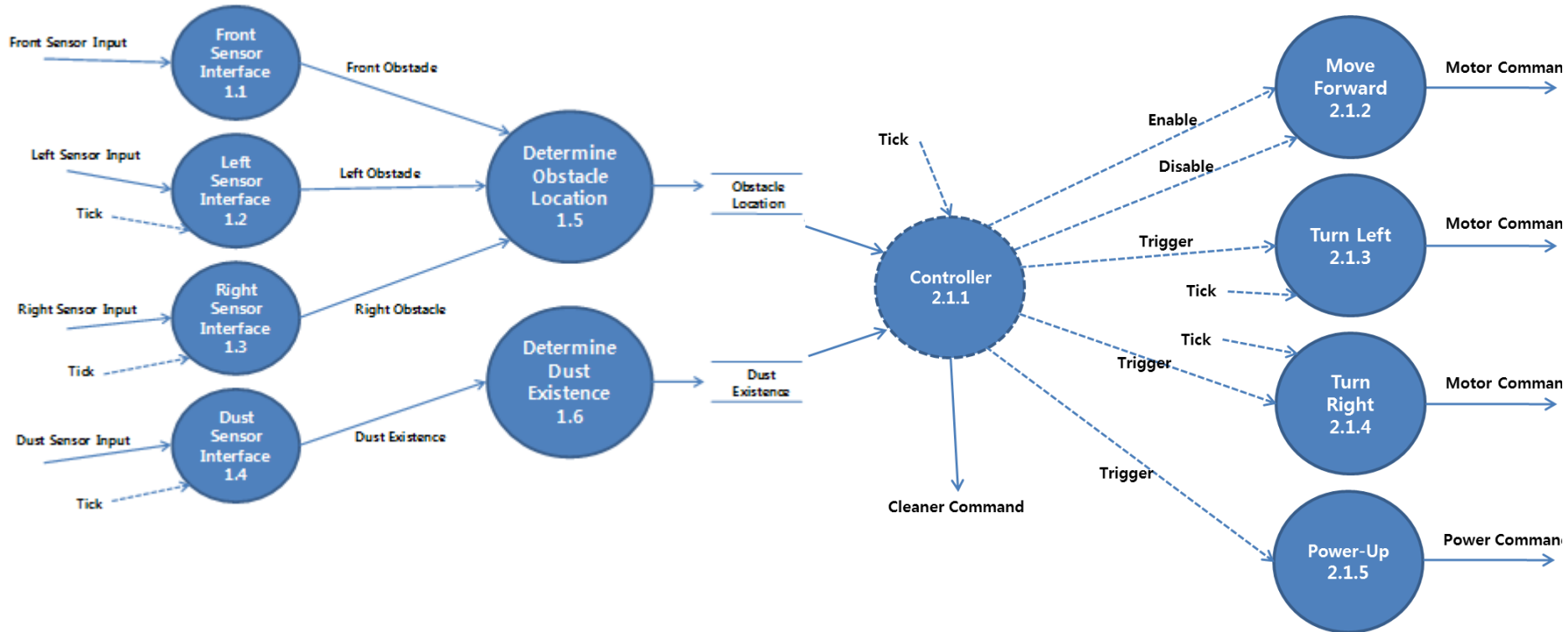


DFD Level 4 – RVC Solution

State Transition Diagram for Controller 2.1.1



DFD – RVC Example



Move Forward

Stop

Turn Right

Turn Right

Move Forward

