

EL 6483 Real-time Embedded system

HW 4 Due 25th Mar. 2016

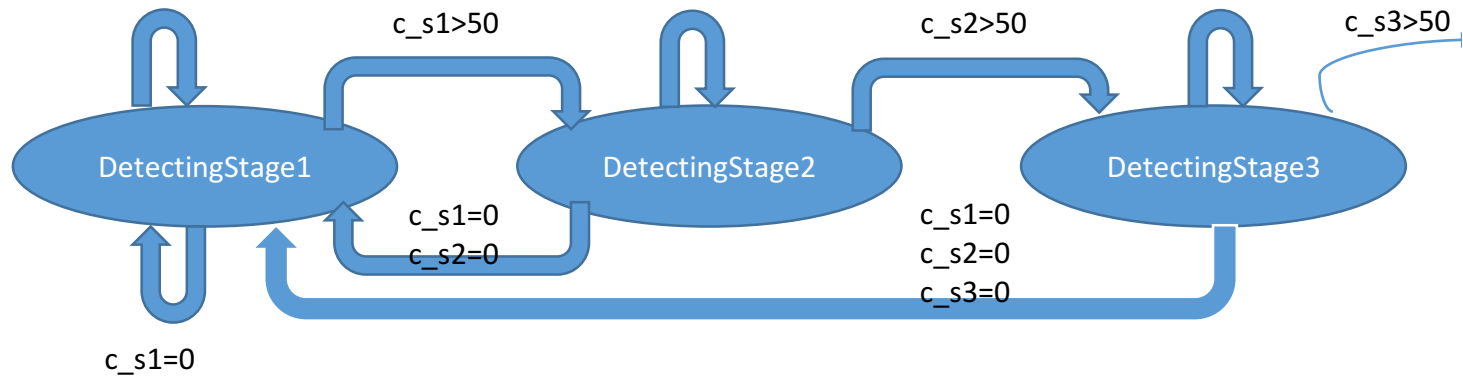
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1.1 Diagram of state machine

If $(-5 \leq \text{roll} \leq 5 \ \&\& \ -5 \leq \text{pitch} \leq 5 \ \&\& \ c_s1 < 50)$
 $c_s1 ++;$

If $(-5 \leq \text{roll} \leq 5 \ \&\& \ -5 \leq \text{pitch} \leq 5 \ \&\& \ c_s2 < 50)$
 $c_s2 ++;$

If $(-5 \leq \text{roll} \leq 5 \ \&\& \ -5 \leq \text{pitch} \leq 5 \ \&\& \ c_s3 < 50)$
 $c_s3 ++;$



4.1 plot the procedure:

