for Din free integrators in the Plant don't matter thus PD Type = 0 PID Type = 1 Observation F9 Longitudinal PID Type: 3 PD Type: 2 sse stop :0 PDD Type: SSe Step: 0 Sse Ramio 55 e Ruge: 0 PIDD in Type: sse Pario SSe Par: Ko Ma= tim & Ke+Sko = Ke

Sao St M = M Lateral inner 10 TYPG: 2 SSE Sterio SSE READ: O SIE Pari = Ma= 5 Tg Kitsky = Kp Din Type: O Vateral auter PEDTYPE: 2 Ste Step: O SSE Ramp: FEKP SSE Par: M. FEK. Dis PDType: 0 PIDType: 1 My=Ling Fe (Kp+5K) = Fe Kp

Mu=Ling Fe (Kp+5K) = Fe K;

Mu=Ling Fe (Kp+5K) = Fe K;

Mu=Ling Fe (Kp+5K) = M

M

Mu=Ling Fe (Kp+5K) = M

Mu=Ling Fe (Kp+

$$\left(\theta_{r}-\theta\right)$$

Note that the two systems vary only