

**PID Control System**

# Results and Discussions

- The dimensions of the plane as well as the dynamics of the plane were calculated using the software XFLR5 in an iterative method.

Fig.1 (a)  $C_L$  vs  $\alpha$   
(b)  $C_D$  vs  $\alpha$   
(c)  $C_L/C_D$  vs  $\alpha$  of NACA 4415 for Wing

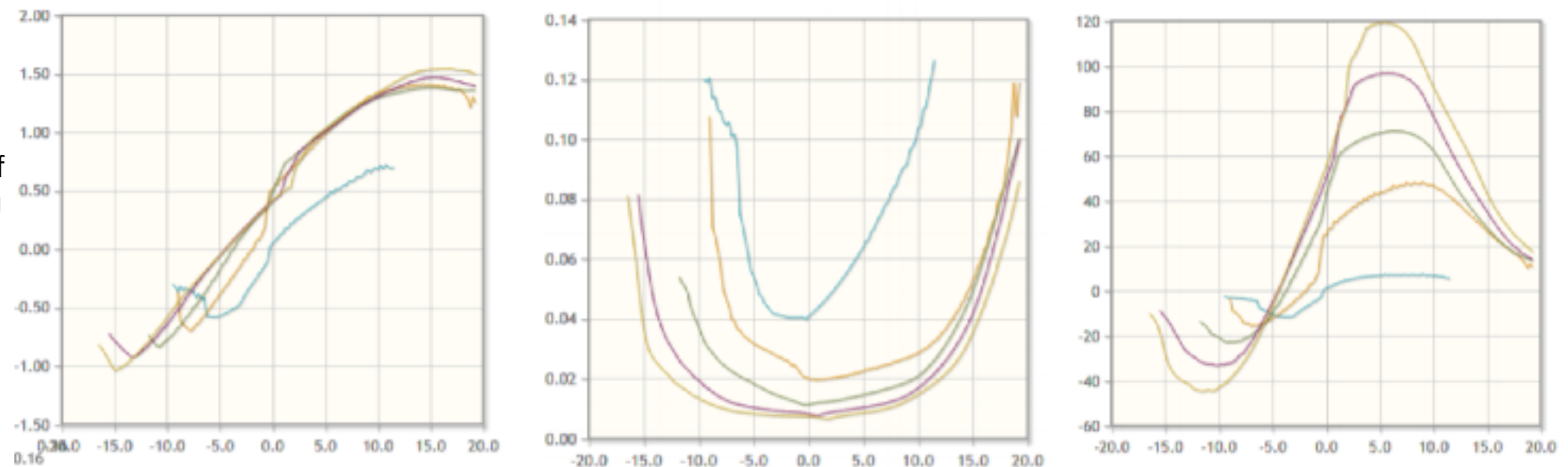


Fig.2 (a)  $C_L$  vs  $\alpha$   
(b)  $C_D$  vs  $\alpha$   
(c)  $C_L/C_D$  vs  $\alpha$  of NACA 0010 for Tail

