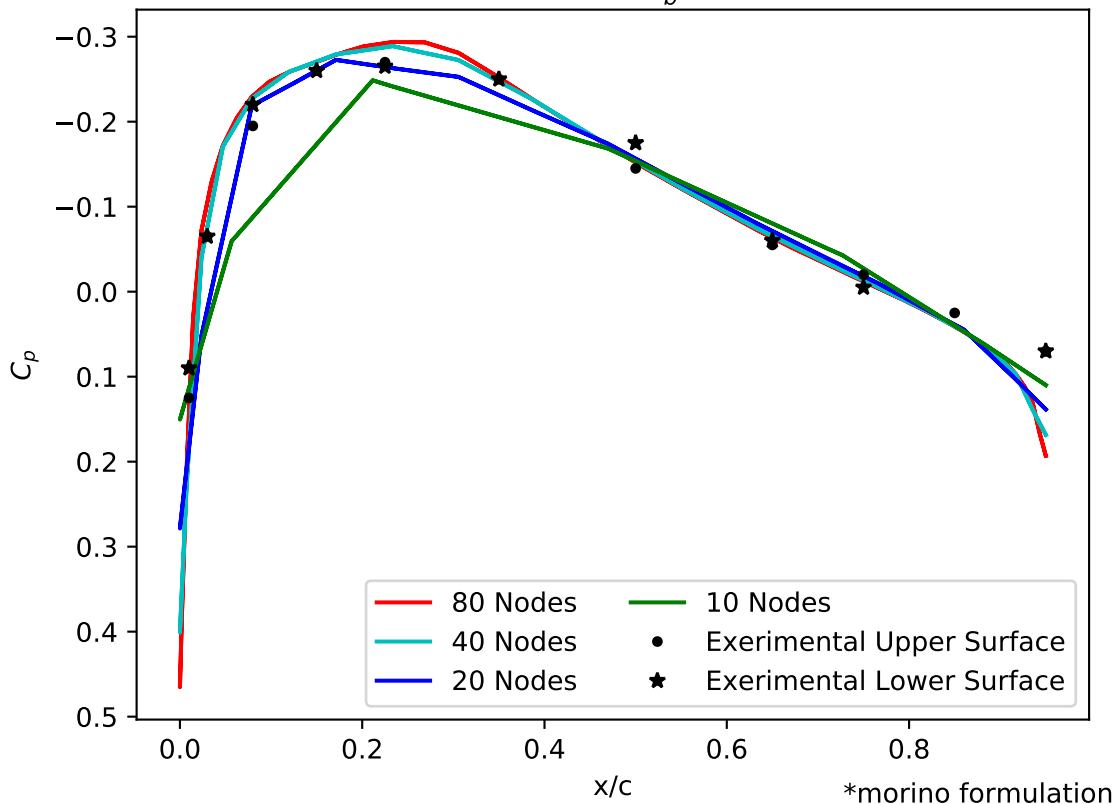
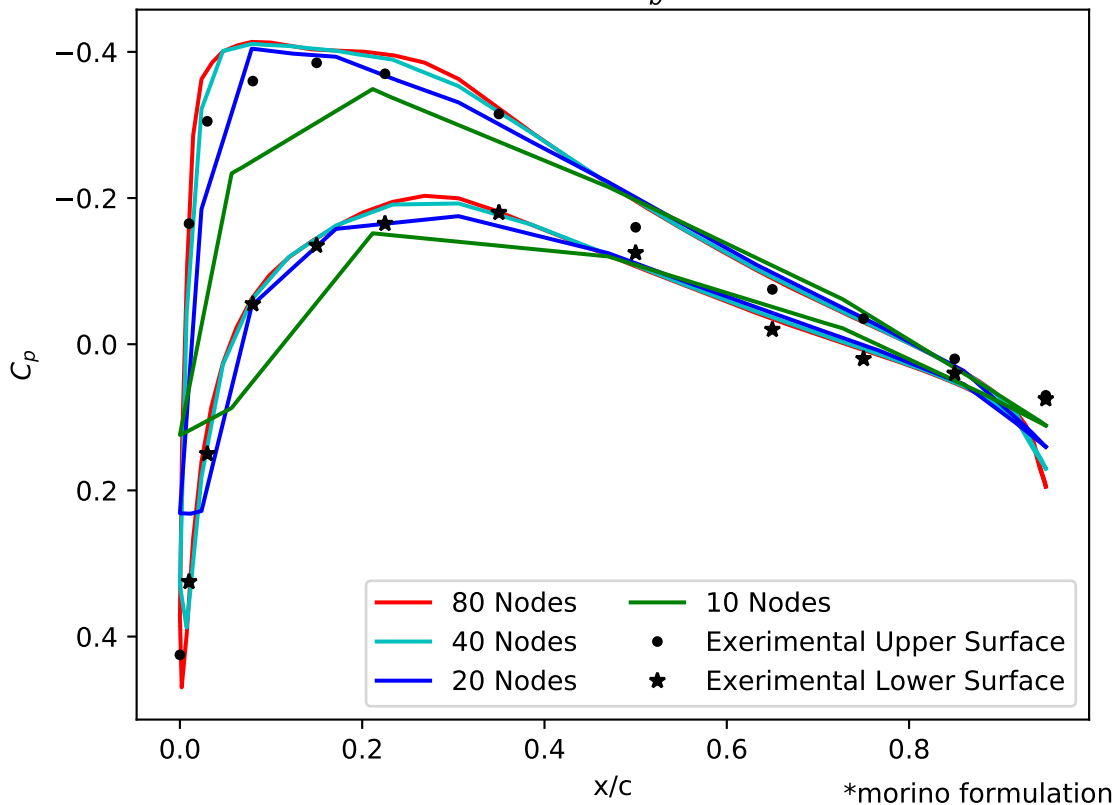


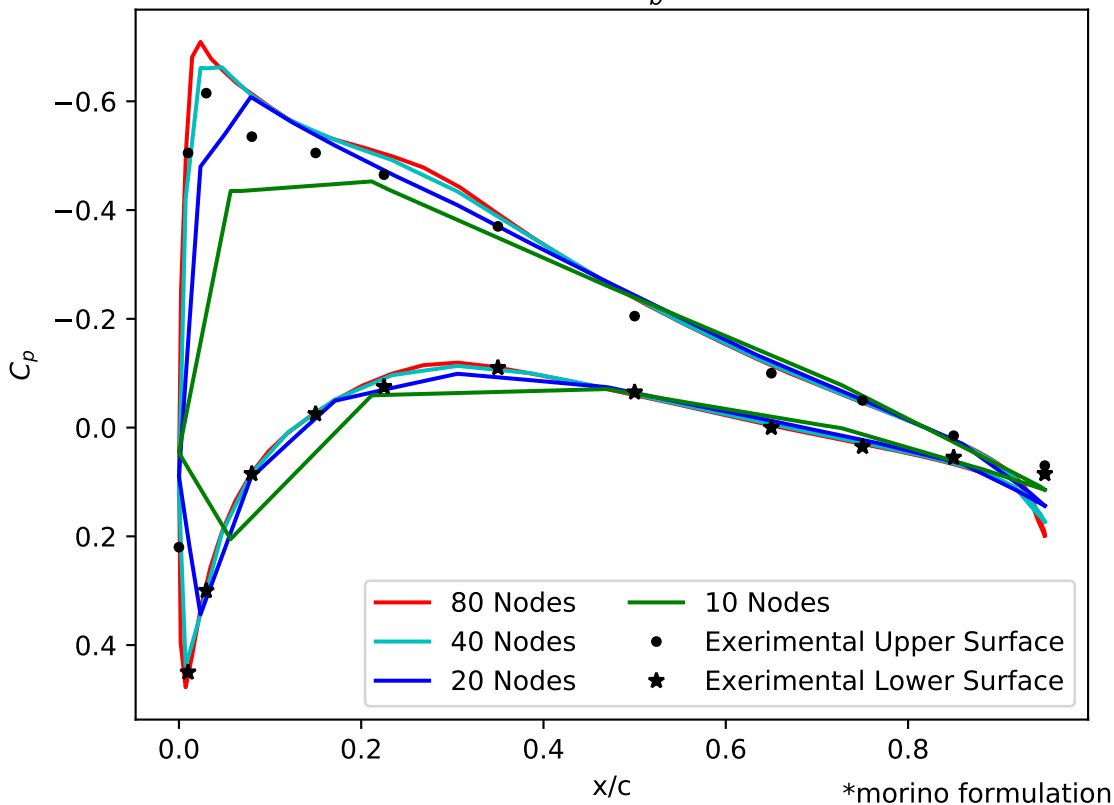
Pressure Distribution at  $\frac{2y}{b} = 0.245$ ,  $\alpha = 0^\circ$



Pressure Distribution at  $\frac{2y}{b} = 0.245$ ,  $\alpha = 2.1^\circ$



Pressure Distribution at  $\frac{2y}{b} = 0.245$ ,  $\alpha = 4.2^\circ$



Pressure Distribution at  $\frac{2y}{b} = 0.245$ ,  $\alpha = 6.2^\circ$

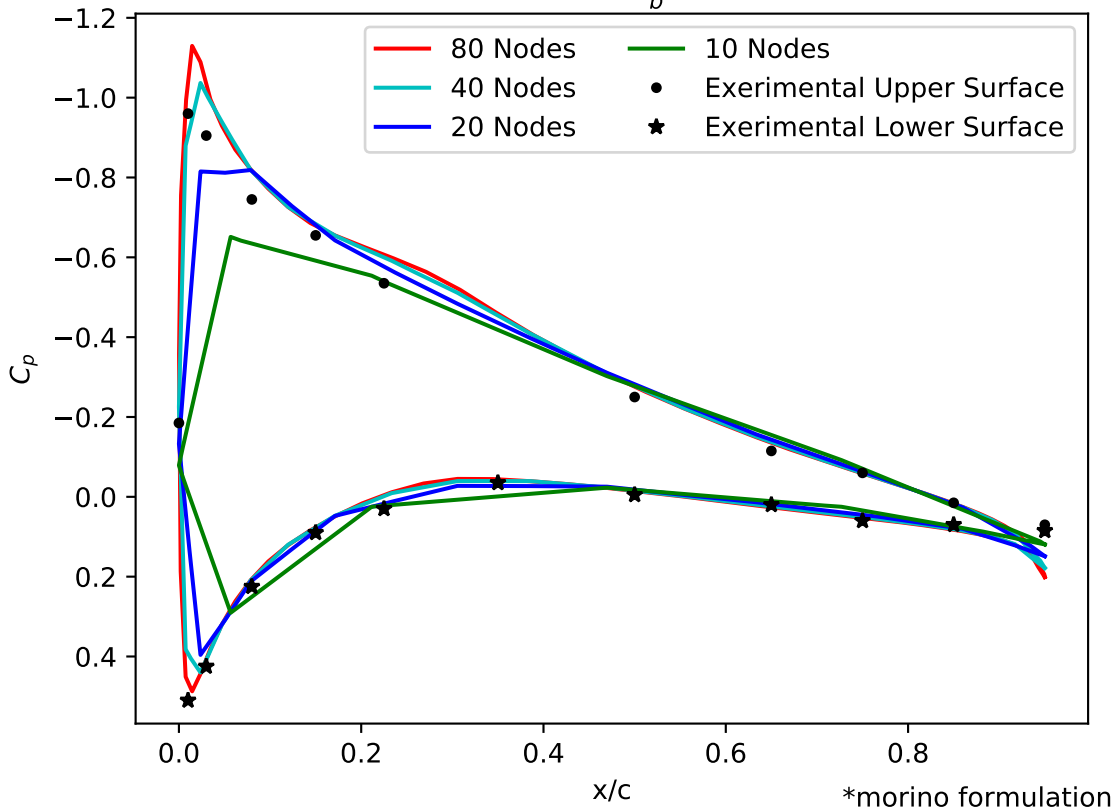


Figure 10 is a line graph showing the evolution of the upper and lower surfaces of the mean velocity profile for different node counts (10, 20, 40, 80). The x-axis represents the normalized distance from the wall (0 to 1), and the y-axis represents the normalized velocity (0 to 1). The upper surface is marked with black dots and the lower surface with black stars. The curves show that as the number of nodes increases, the profiles converge towards a smooth, logarithmic-like shape, with the 80-node profile being the most refined.

 $x/c$

Pressure Distribution at  $\frac{2y}{b} = 0.245$ ,  $\alpha = 10.4^\circ$

