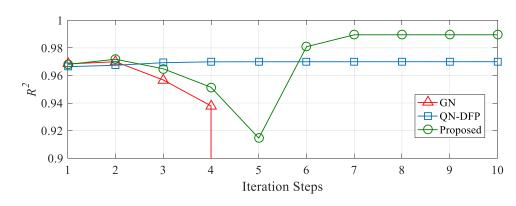
Appendix A



• Iteration process of three optimization algorithms.

-30

-20

-10

0

 β (deg)

10

20

30

-20

-10

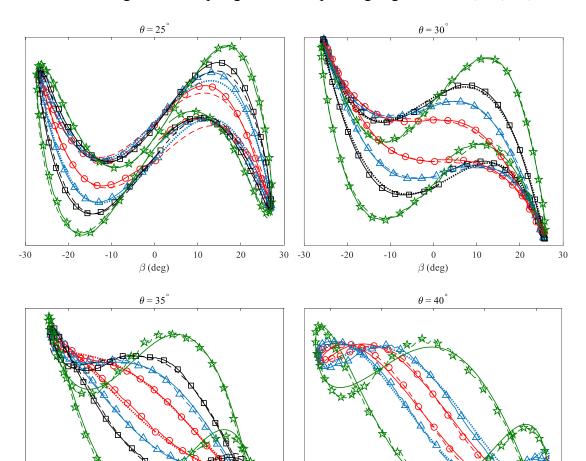
10

0

 β (deg)

20

• Comparisons between model outputs and wind tunnel tests of the yawing moment coefficient against sideslip angles, at fixed pitching angles $\theta = 25^{\circ}, 30^{\circ}, 35^{\circ}, 40^{\circ}$



Model Outputs
Tests for Identification
······ Tests for Verification
\circ f = 0.2Hz
Δ f = 0.4Hz
\Box f = 0.6Hz
☆ f=1.0Hz