Caption List

Movie 1

Evolution of the Mach number contour with the flow perturbed by the optimal forcing at *fLsep*/*u*∞ = 0.015 and and *βL* = 0 for the *highRe* case at *α* = 25°.

Movie 2

Evolution of the skin friction coefficient contour with the flow perturbed by the optimal forcing at *ωrL*/*u*∞ = 7.5 × 10−3 and *βL* = 1.2 for the *lowRe* case at *α* = 23°.