Movie Captions

- Movie 1 The vorticity contours for the typical wake patterns of a pitching plate in a uniform flow: the von Kámán wake ($St = 0.6$, $A_L = 0.2$, and $K = \infty$).
- Movie 2 The vorticity contours for the typical wake patterns of a pitching plate in a uniform flow: the reversed von Kámán wake ($St = 0.6$, $A_L = 0.6$, and $K = \infty$).
- Movie 3 The vorticity contours for the typical wake patterns of a pitching plate in a uniform flow: the deflected wake ($St = 1$, $A_L = 0.6$, and $K = \infty$).
- Movie 4 The vorticity contours for the typical wake patterns of a pitching plate in a uniform flow: the chaotic wake ($St = 1.2$, $A_L = 1.2$, and $K = 50$).