

# Movie Captions

- Movie 1 Effect of long waves on asymmetry. Upper panel: asymmetry of gravity-capillary waves of wavelength  $\lambda \approx 10$  cm in the presence of a much longer wave of a typical for oceanic conditions steepness ( $\lambda = 10$  m,  $ak = 0.09$ ). Red solid line shows distribution of the moving-window asymmetry  $A\{\bar{\eta}\}$ , green dashed line shows an alternative asymmetry measure  $\delta X\{\bar{\eta}\}$  of smoothed profile. Long wave profile is subtracted before computing asymmetry. Window size  $w$  is 100 cm, smoothing parameter is  $\sigma = 1$  cm). Bottom panel: the elevation profile is plotted as a reference.