

Figure 6-6. Variation of transverse velocity [at point (x, y)= (1.23, 0)] spectra with Reynolds number (Velocity ratio 3:1 and L1=6). *Continue...*

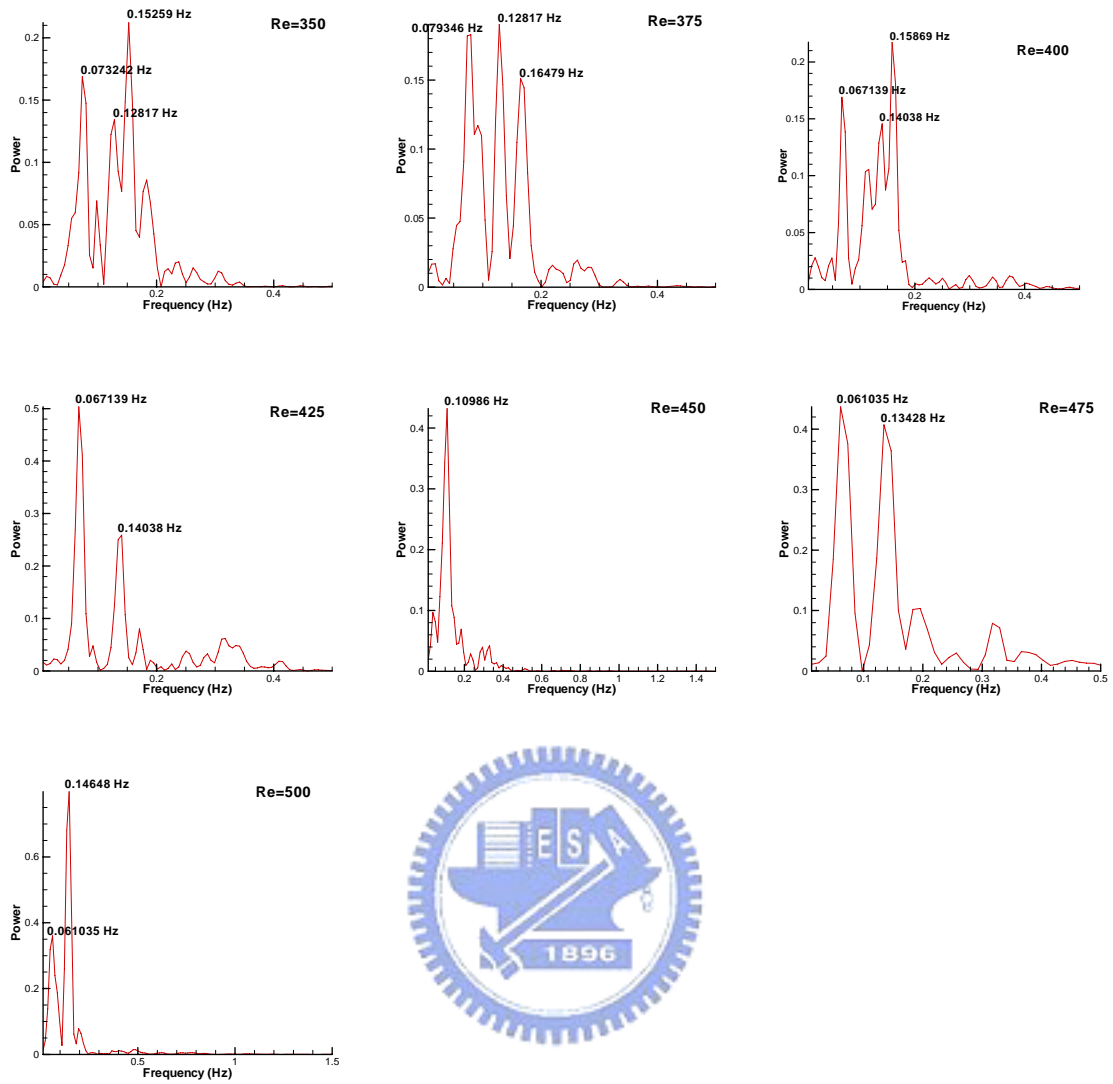


Figure 6-6. Variation of transverse velocity [at point (x, y)= (1.23, 0)] spectra with Reynolds number (Velocity ratio 3:1 and L1=6).

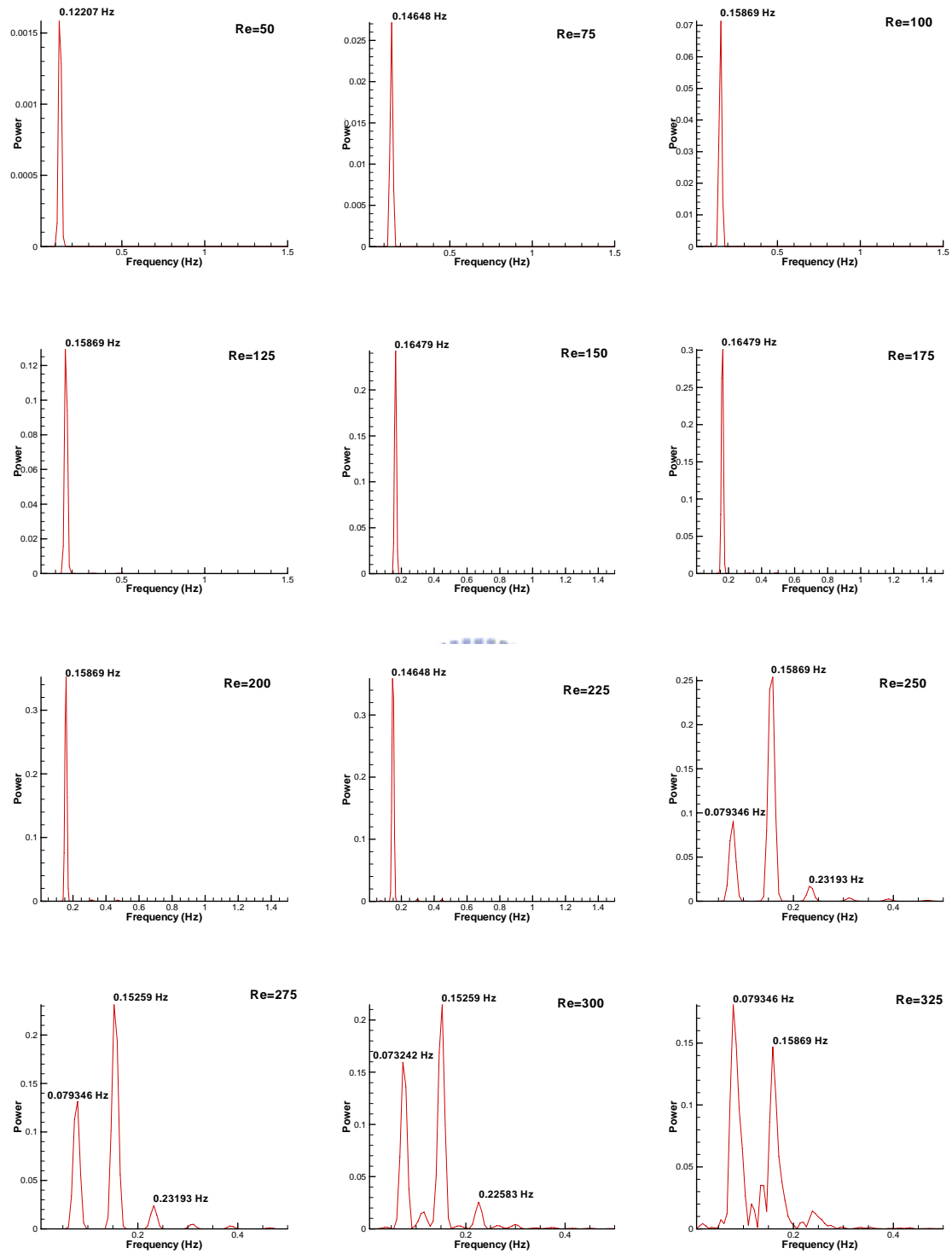


Figure 6-7. Variation of transverse velocity [at point (x, y)= (1.23, 0)] spectra with Reynolds number (Velocity ratio 3:2 and L1=6). *Continue...*

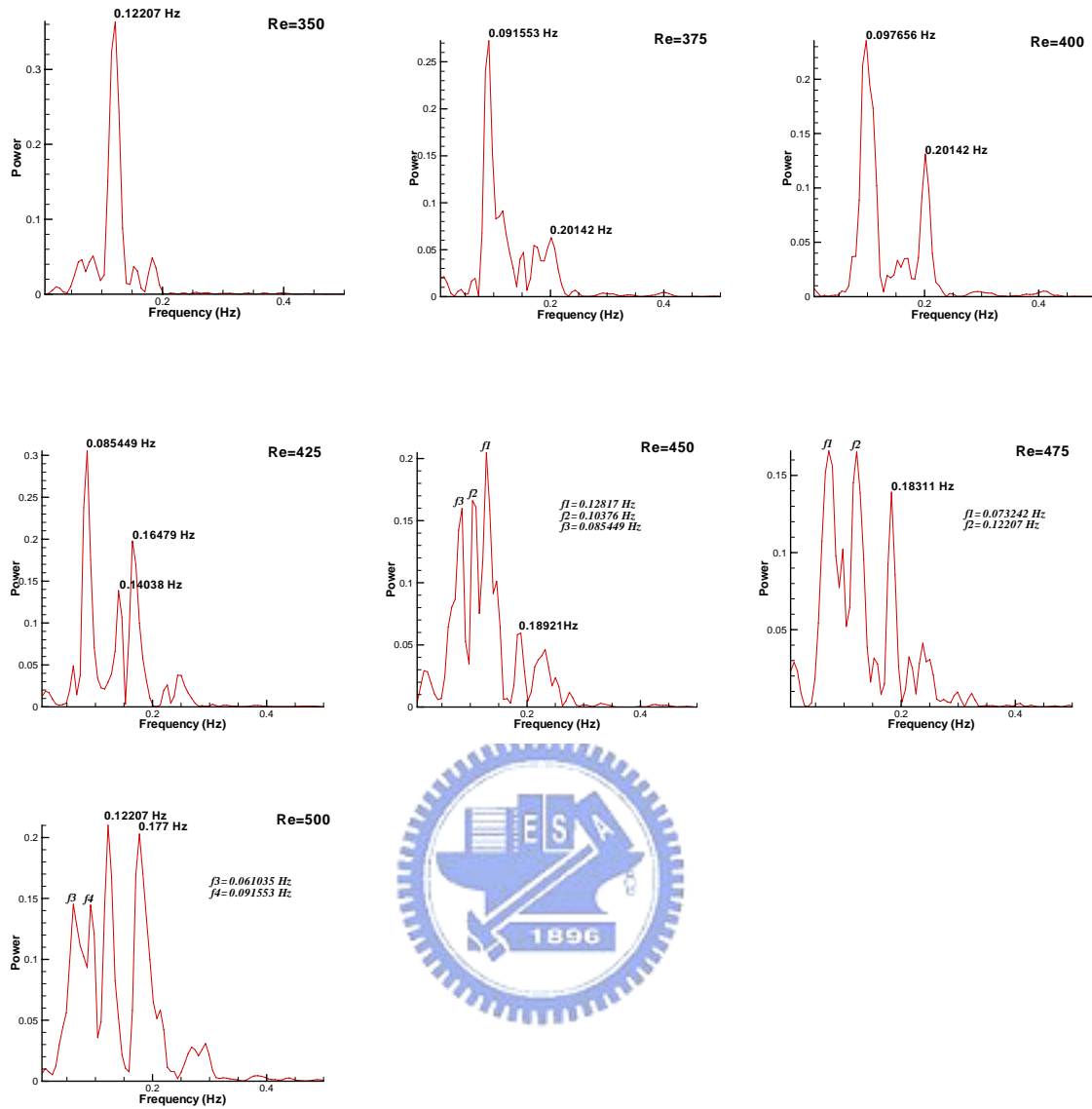


Figure 6-7. Variation of transverse velocity [at point (x, y)= (1.23, 0)] spectra with Reynolds number (Velocity ratio 3:2 and L1=6).

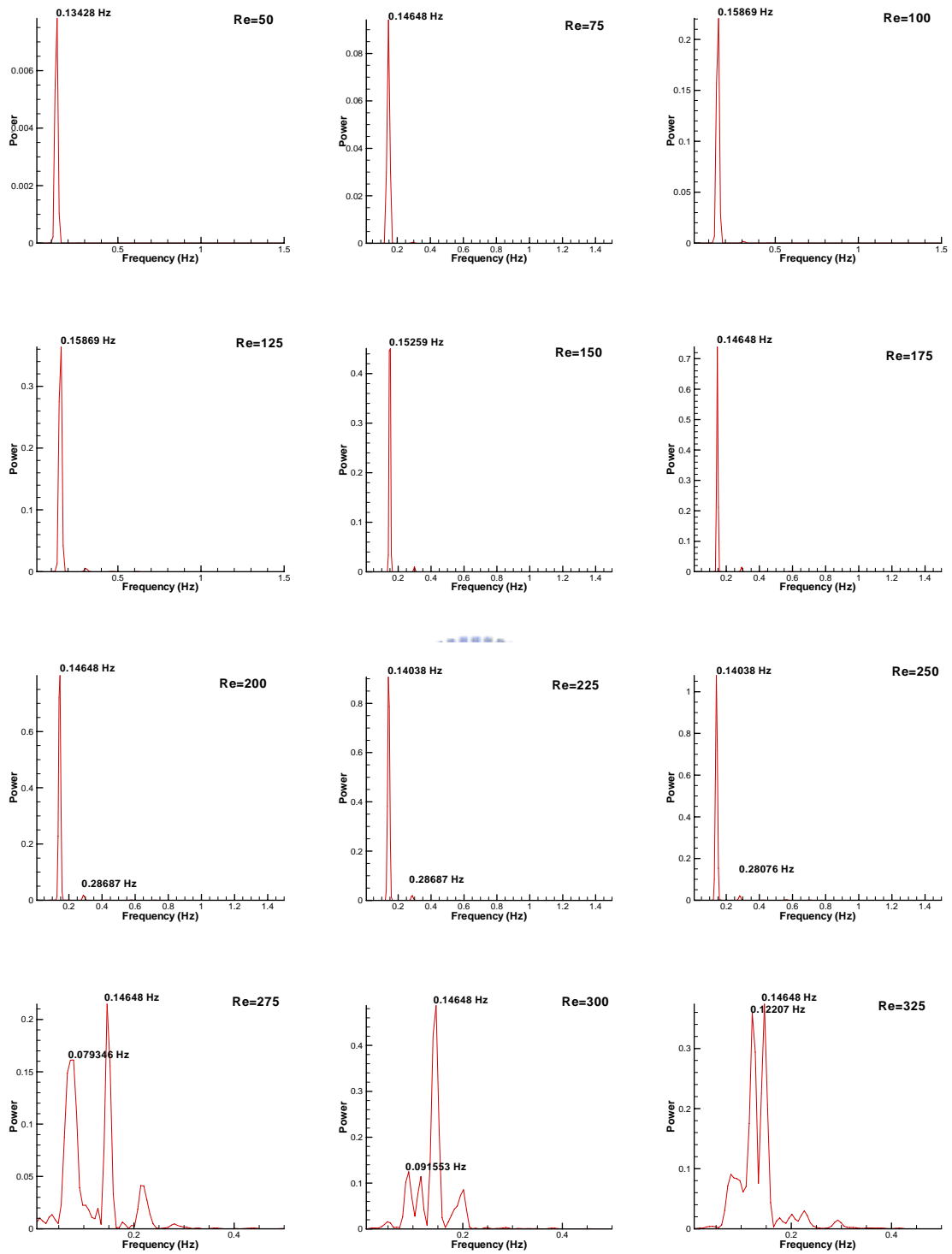


Figure 6-8. Variation of transverse velocity [at point (x, y)= (1.23, 0)] spectra with Reynolds number (Velocity ratio 3:1 and L1=10). *Continue...*

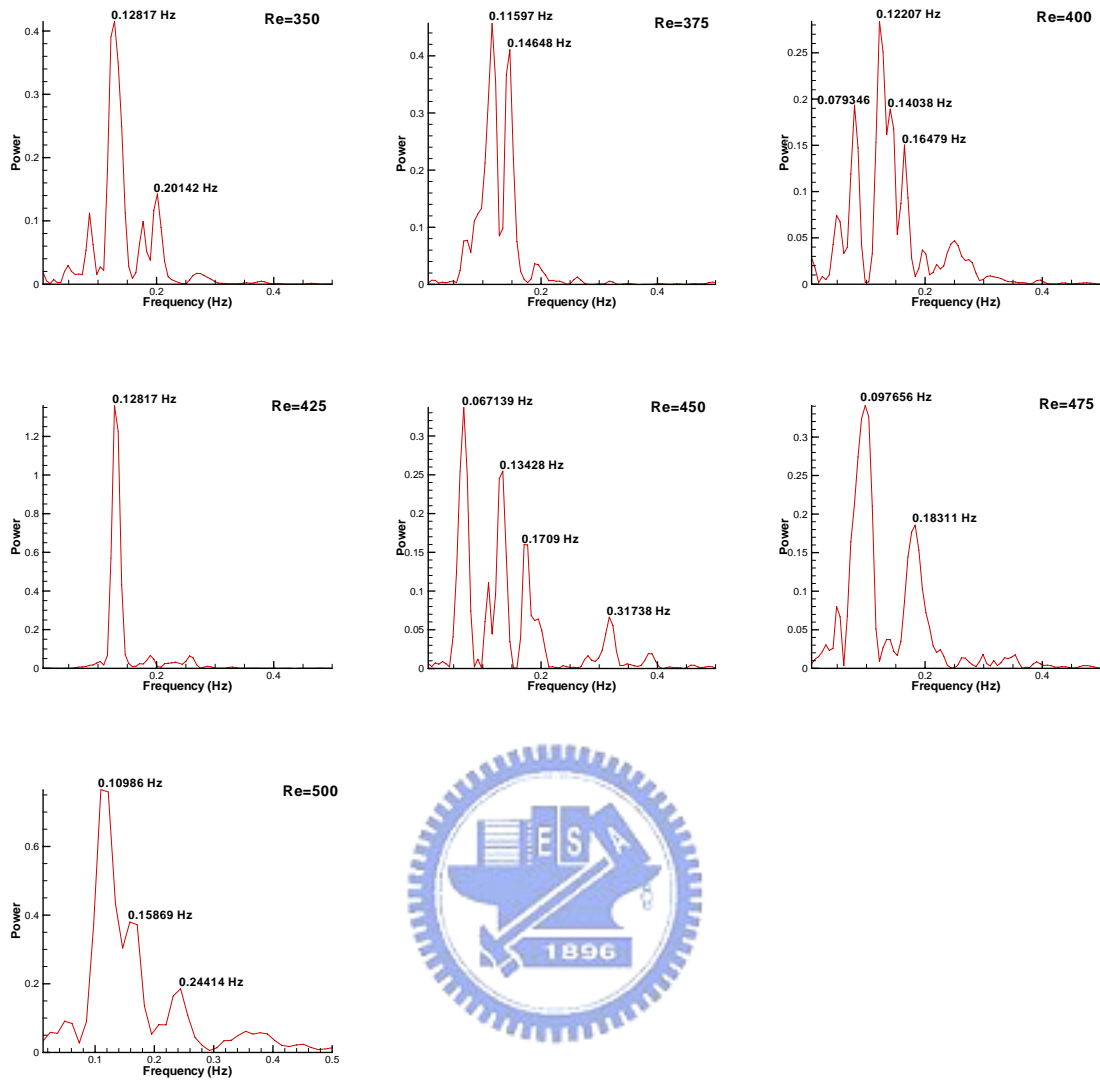


Figure 6-8. Variation of transverse velocity [at point  $(x, y) = (1.23, 0)$ ] spectra with Reynolds number (Velocity ratio 3:1 and  $L1=10$ ).

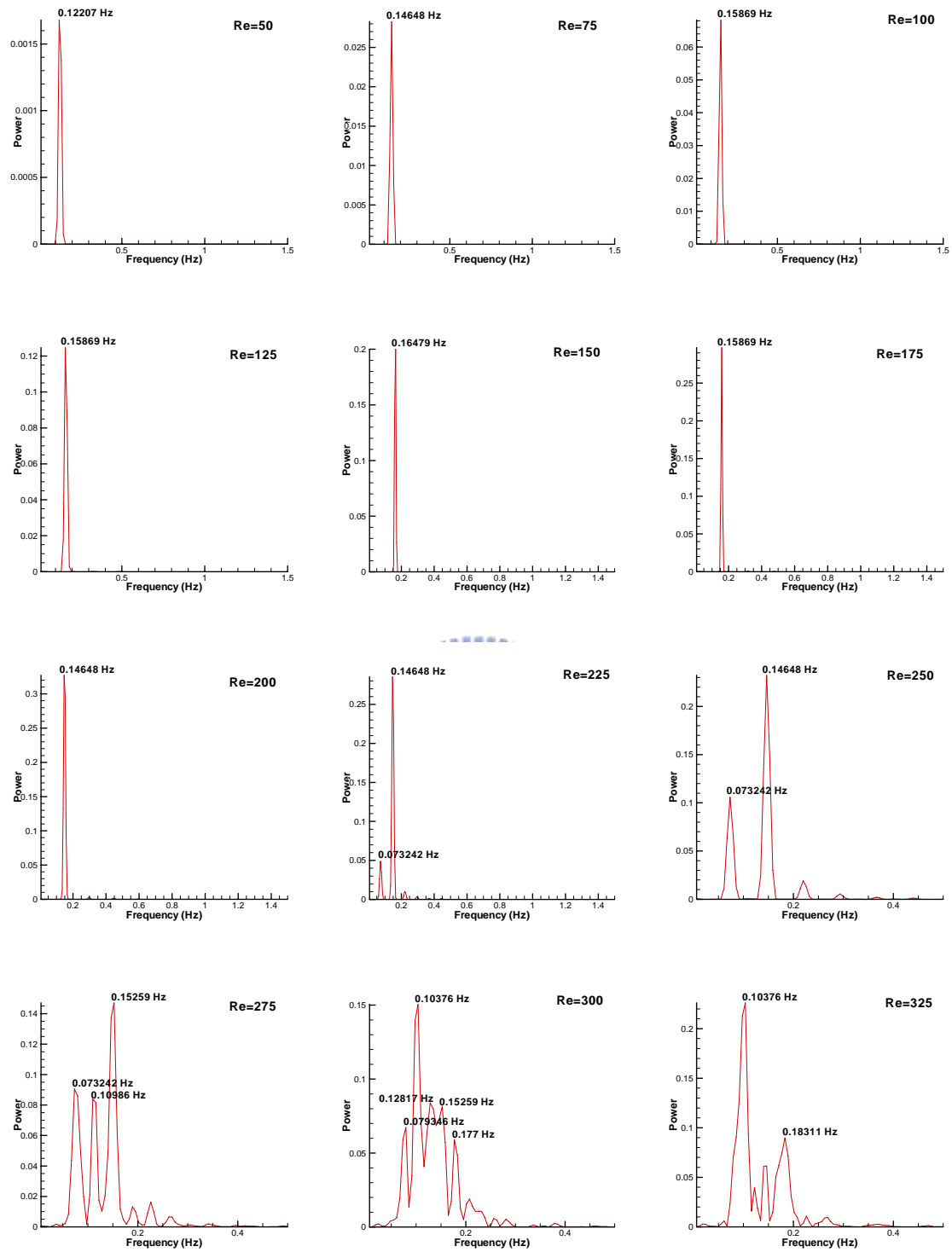


Figure 6-9. Variation of transverse velocity [at point (x, y)= (1.23, 0)] spectra with Reynolds number (Velocity ratio 3:2 and L1=10). *Continue...*

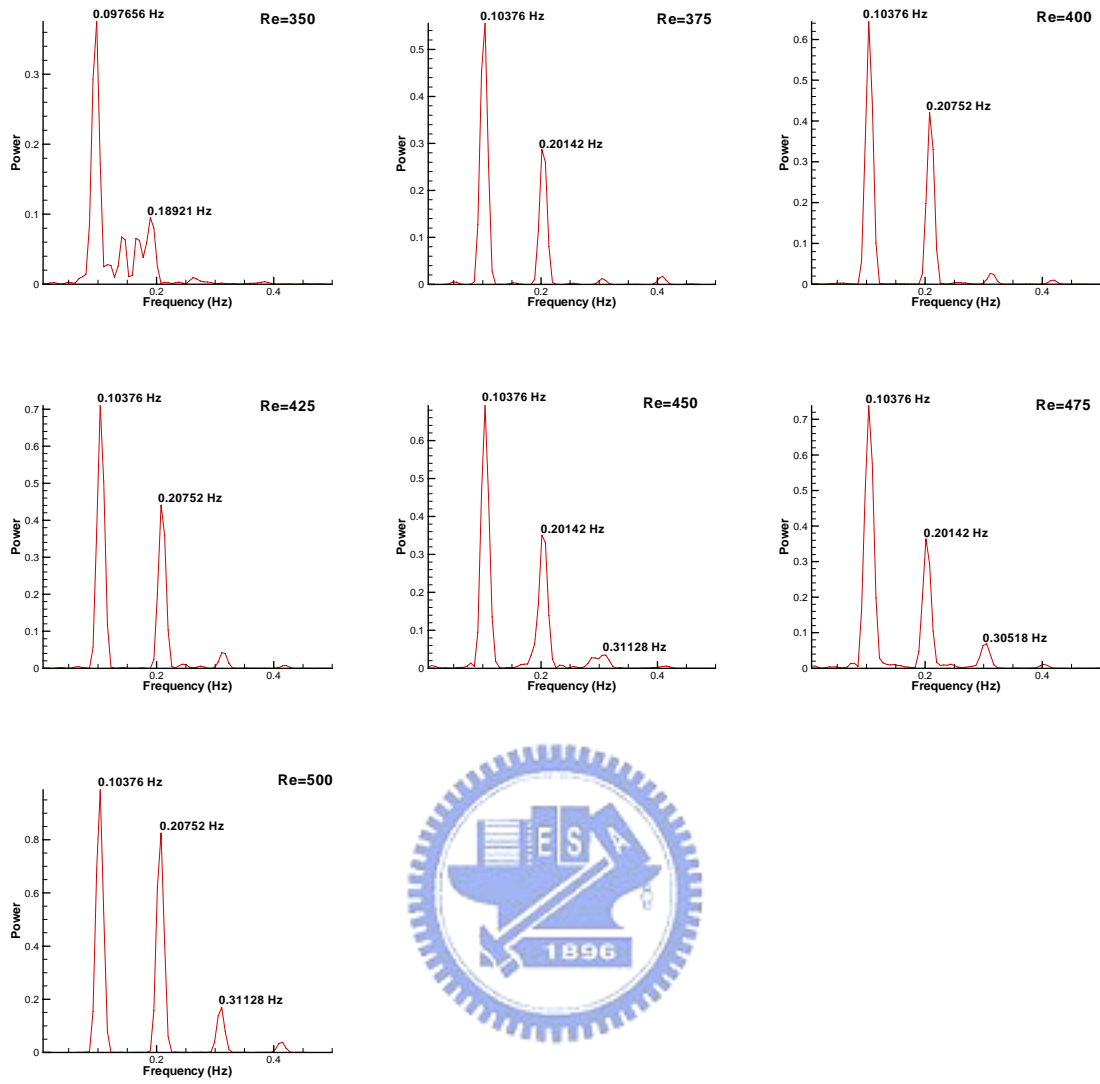


Figure 6-9. Variation of transverse velocity [at point (x, y)= (1.23, 0)] spectra with Reynolds number (Velocity ratio 3:2 and L1=10).



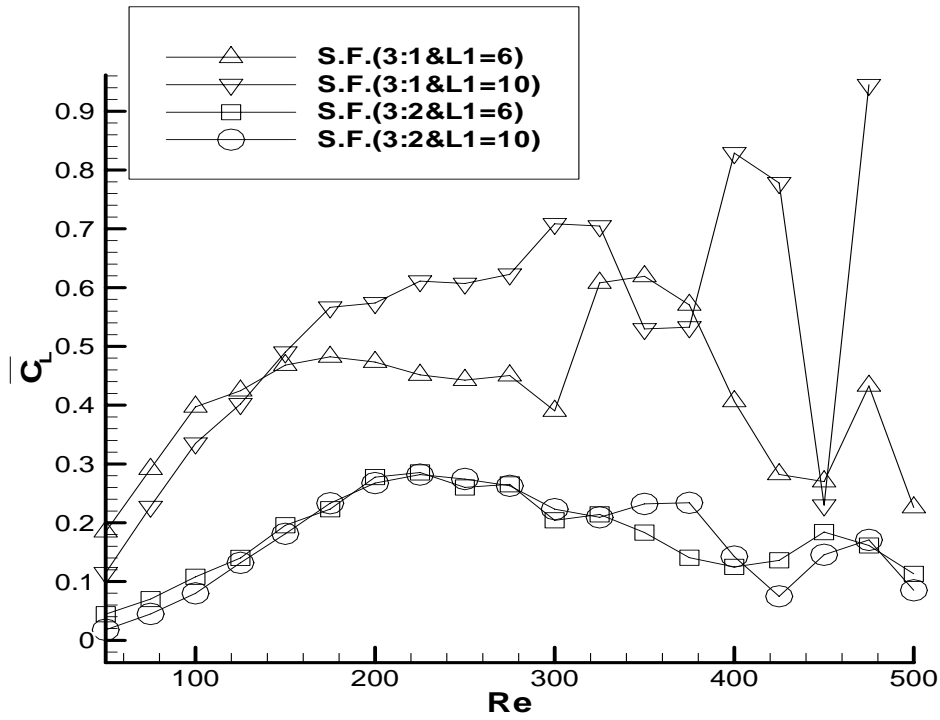


Figure 6-10. Variation of mean lift coefficient with Reynolds number (Shear free streams).

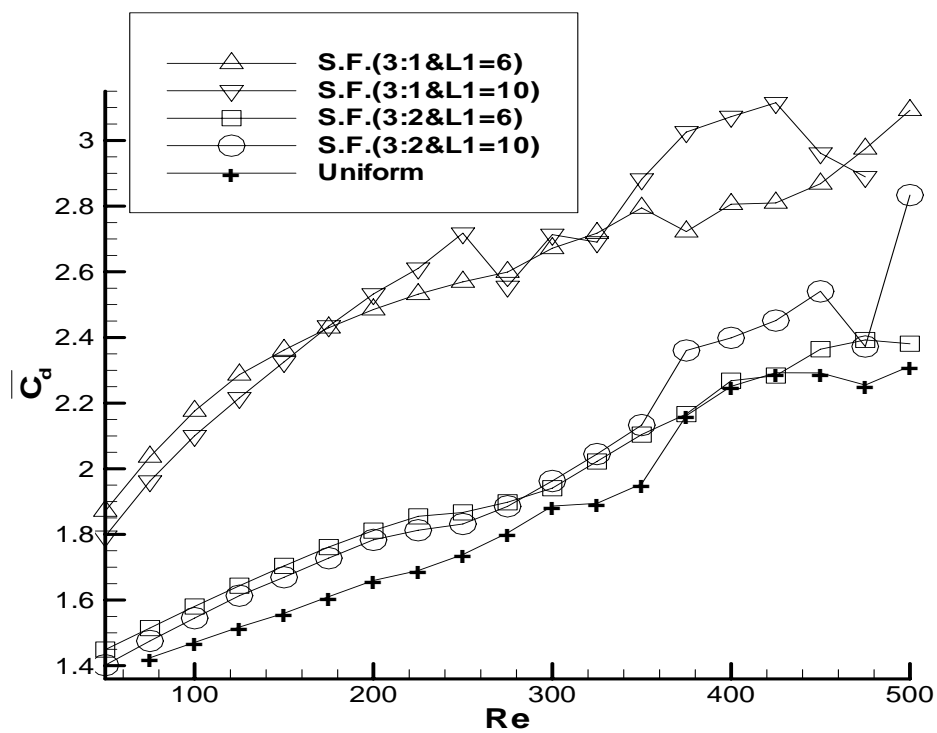


Figure 6-11. Variation of mean drag coefficient with Reynolds number (Uniform and shear free streams)

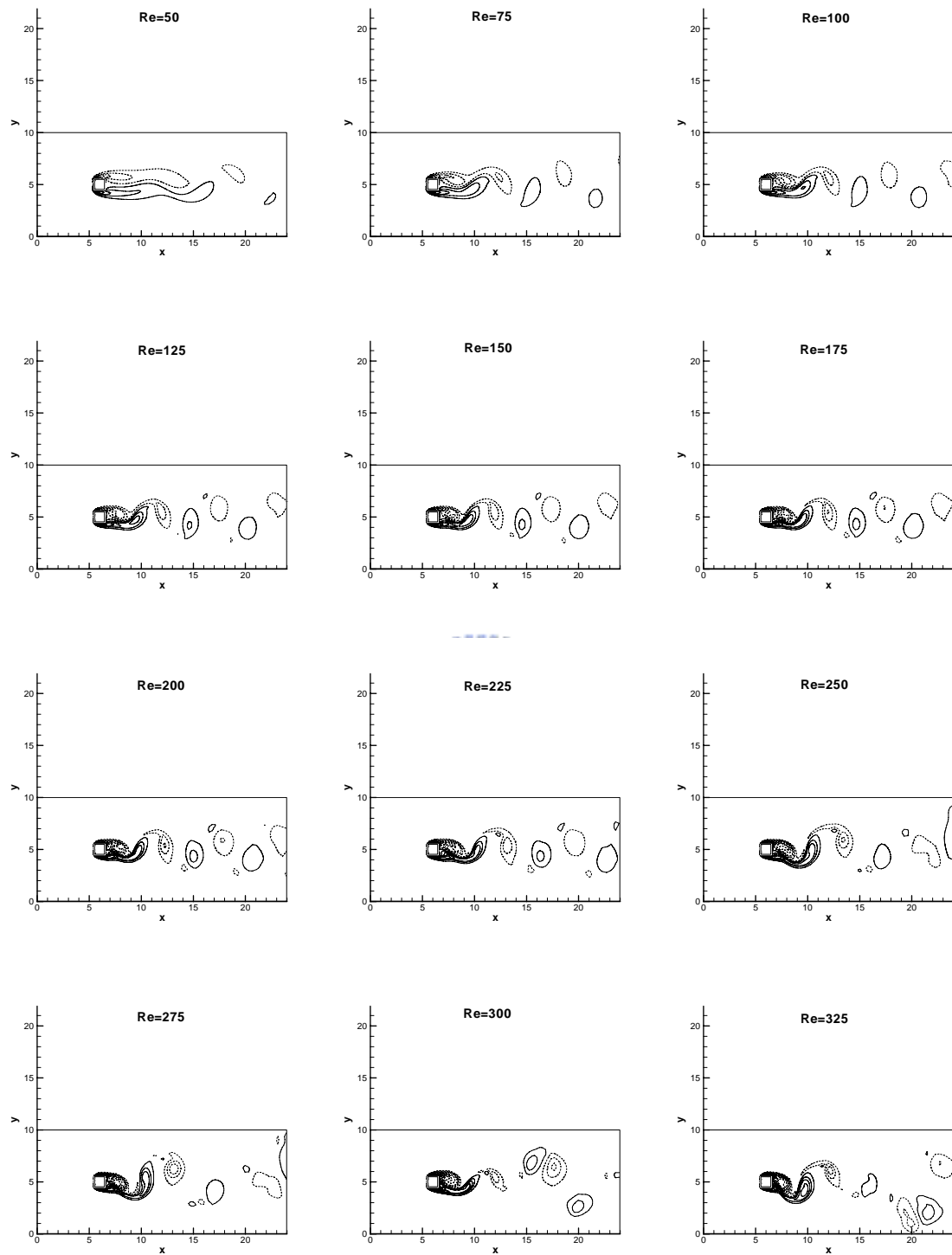


Figure 6-12. Variation of instantaneous vorticity contours [Broken line ( $\omega_{\min}$ ,  $\omega_{\max}$ ,  $\Delta\omega$ )  $\equiv$  (-20.22, 0, 0.8088); Solid line ( $\omega_{\min}$ ,  $\omega_{\max}$ ,  $\Delta\omega$ )  $\equiv$  (0, 20.22, 0.8088)] with Reynolds number (Uniform free stream). *Continue...*

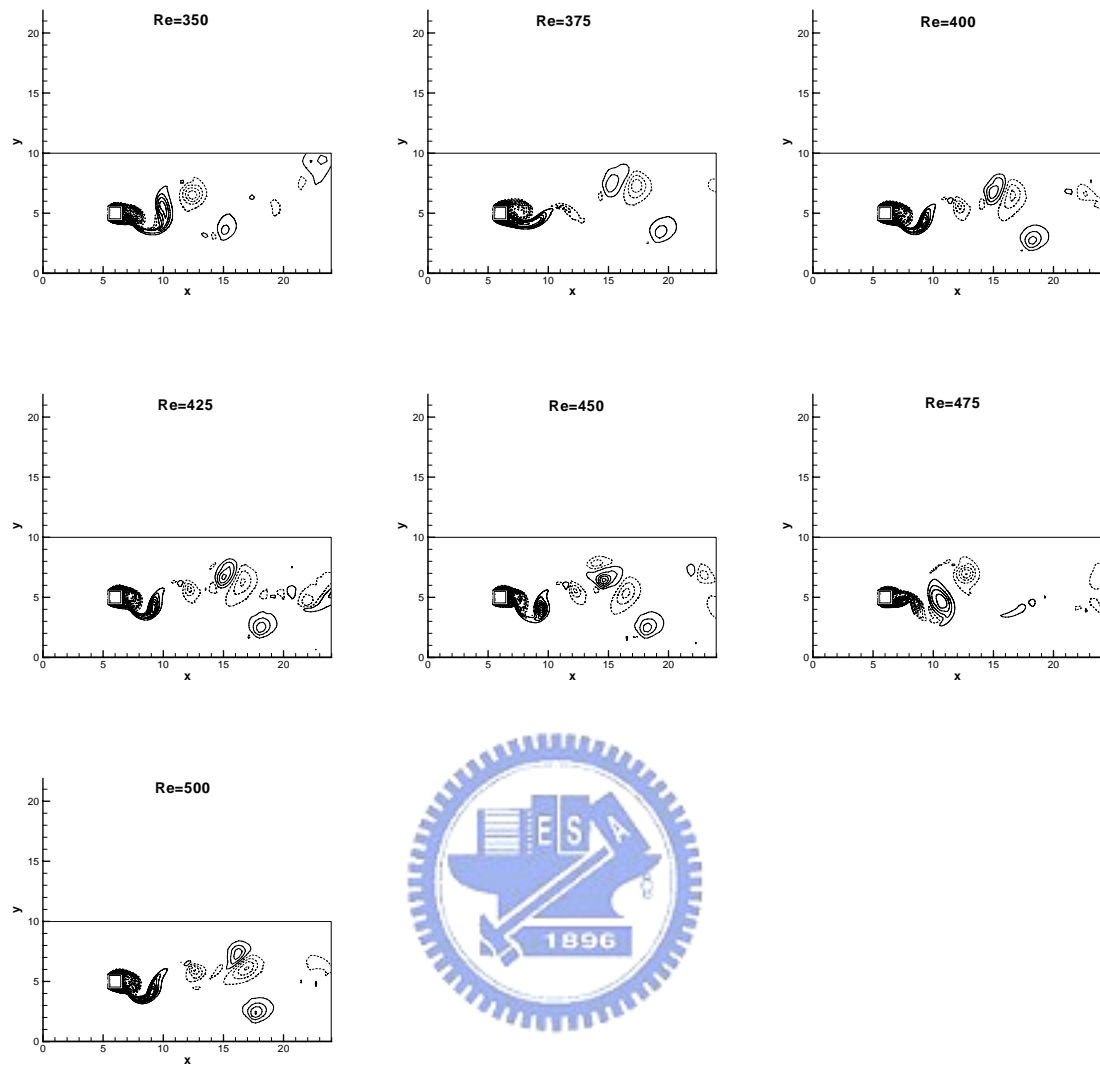


Figure 6-12. Variation of instantaneous vorticity contours [Broken line ( $\omega_{\min}$ ,  $\omega_{\max}$ ,  $\Delta\omega$ )  $\equiv$  (-20.22, 0, 0.8088); Solid line ( $\omega_{\min}$ ,  $\omega_{\max}$ ,  $\Delta\omega$ )  $\equiv$  (0, 20.22, 0.8088)] with Reynolds number (Uniform free stream).

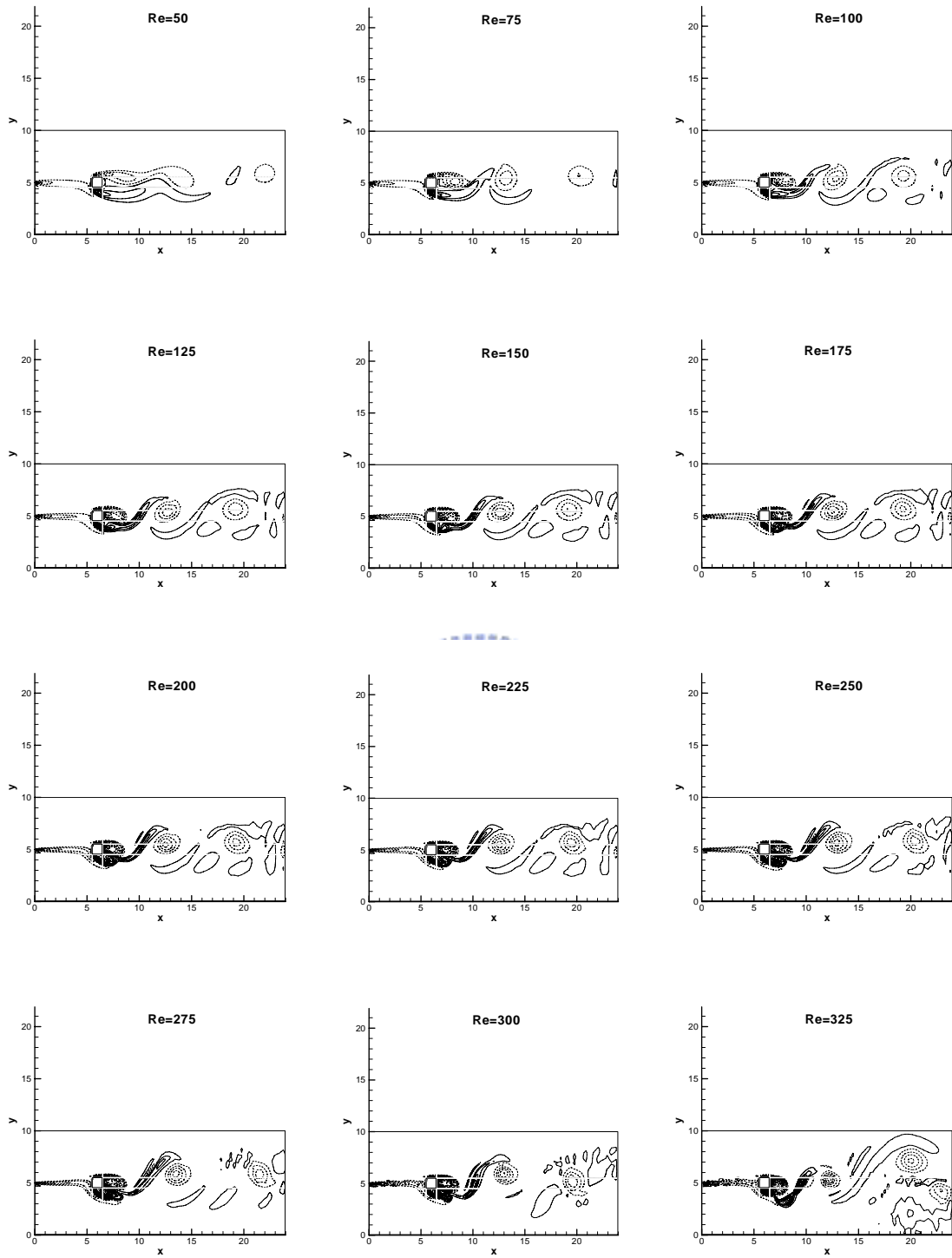


Figure 6-13. Variation of instantaneous vorticity contours [ $\omega_{\min}$ ,  $\omega_{\max}$ ,  $\Delta\omega$ ] $\equiv$ (-20.22, -0.608, 0.862); Solid line ( $\omega_{\min}$ ,  $\omega_{\max}$ ,  $\Delta\omega$ ] $\equiv$ (0.218, 14.26, 0.862)] with Reynolds number (Velocity ratio 3:1 and L1=6). *Continue...*

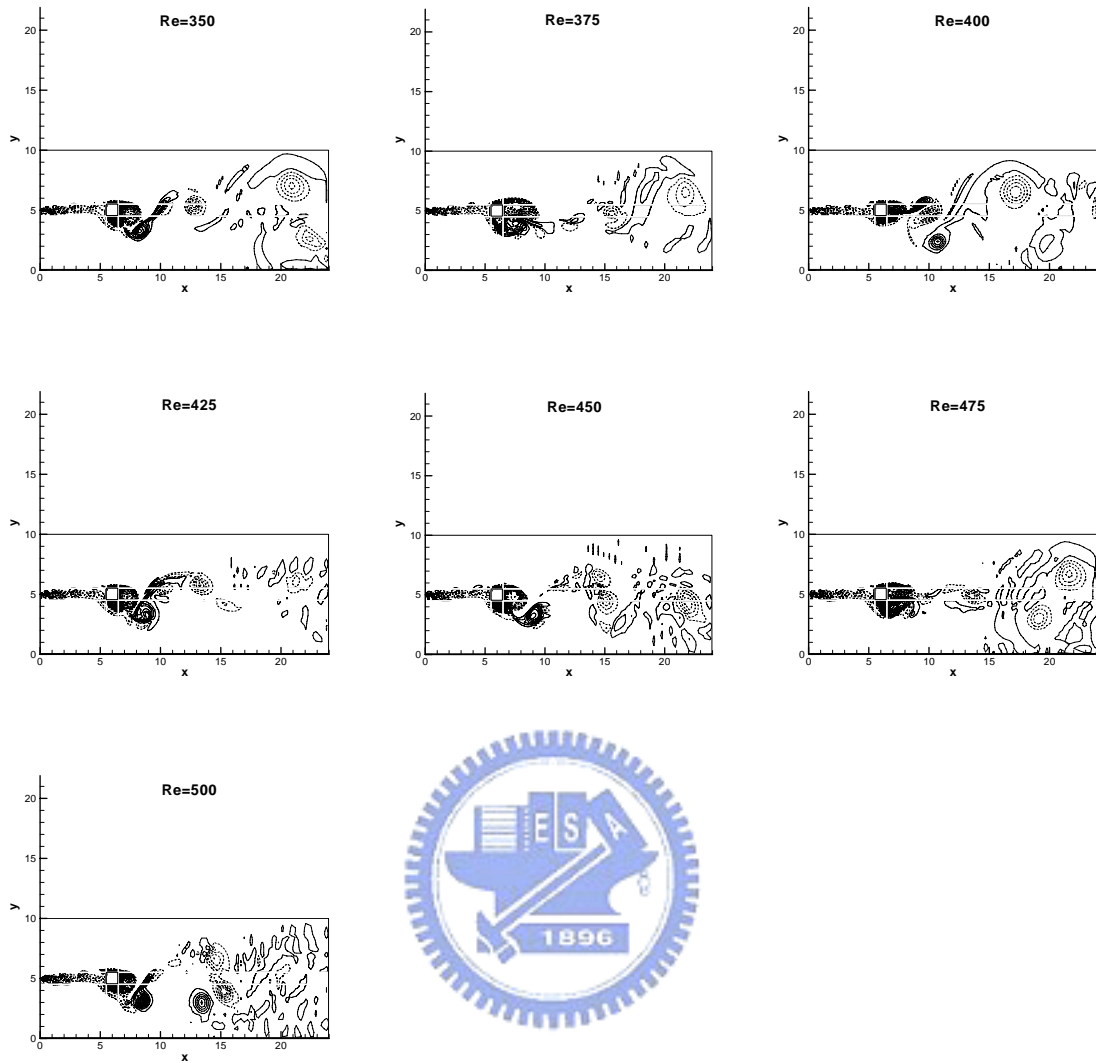


Figure 6-13. Variation of instantaneous vorticity contours [ $\omega_{\min}$ ,  $\omega_{\max}$ ,  $\Delta\omega$ ] $\equiv$ (-20.22, -0.608, 0.862); Solid line ( $\omega_{\min}$ ,  $\omega_{\max}$ ,  $\Delta\omega$ ) $\equiv$ (0.218, 14.26, 0.862)] with Reynolds number (Velocity ratio 3:1 and L1=6).