

Shear stress, $P=0.5$ MPa, ($f_s=0.01, 0.05, 0.1$ Hz)

Normal displacement, $P=0.5$ MPa, ($f_s=0.01, 0.05, 0.1$ Hz)

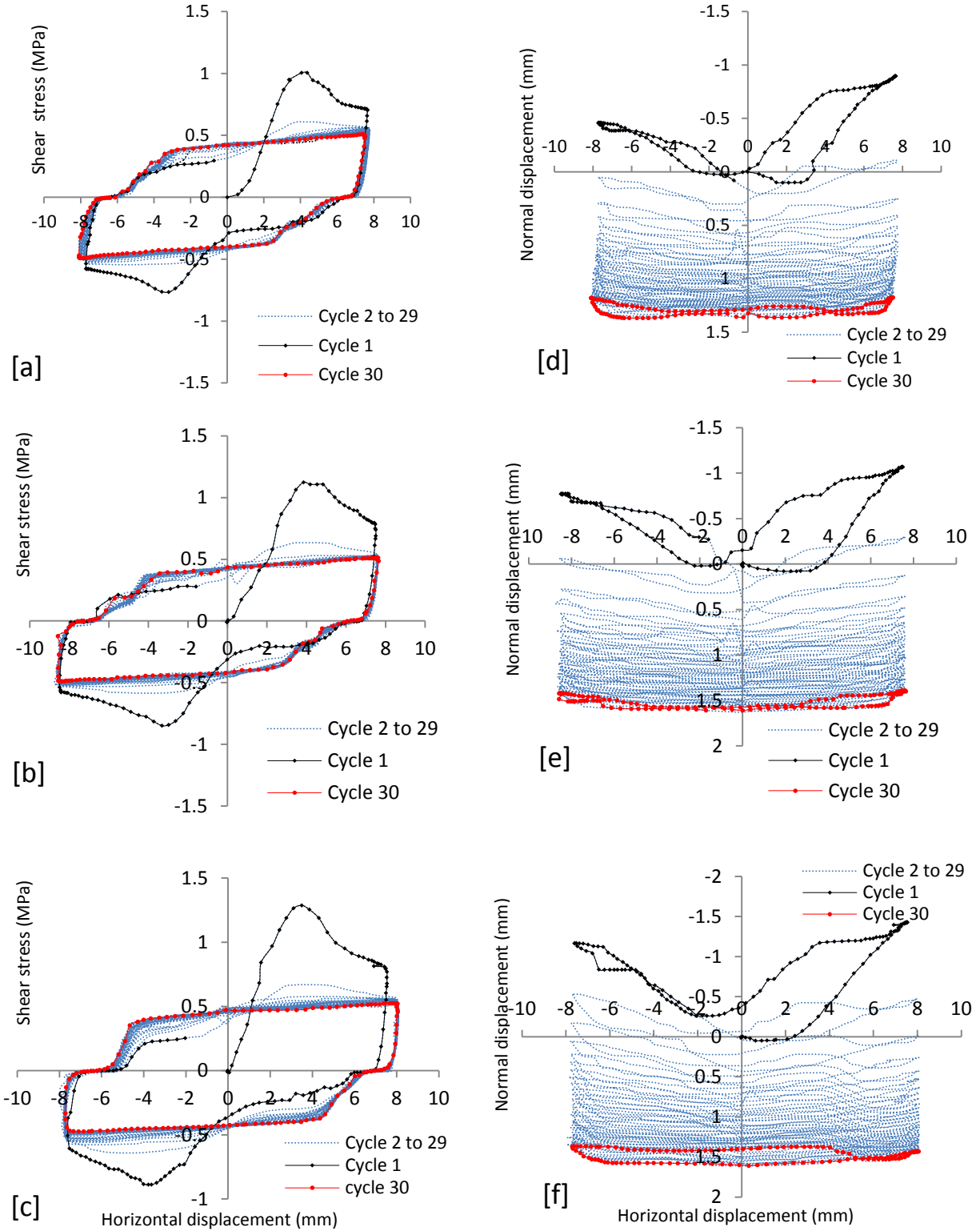


Fig. 12 Shear stress and normal displacement vs. horizontal displacement of 30°-30° joint for cyclic shear

load with different frequencies, $f_s=0.01, 0.050$ and 0.1 Hz respectively ($P=0.5$ MPa)