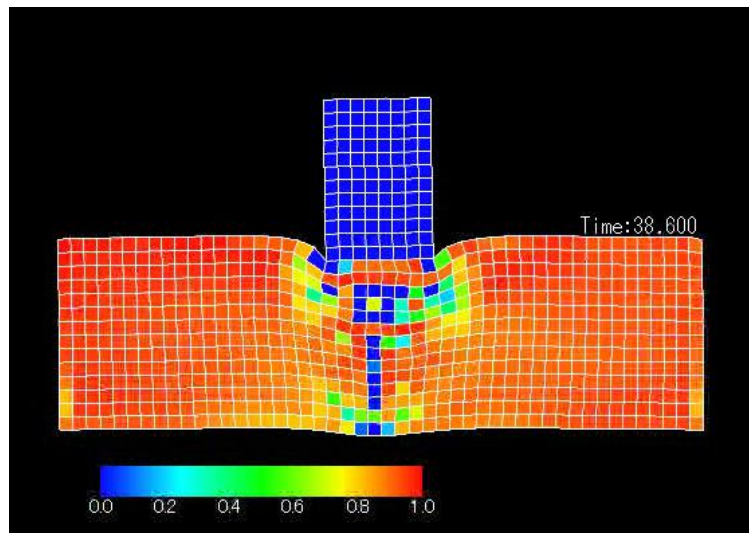


Analysis of deformation of shallow foundation during earthquakes

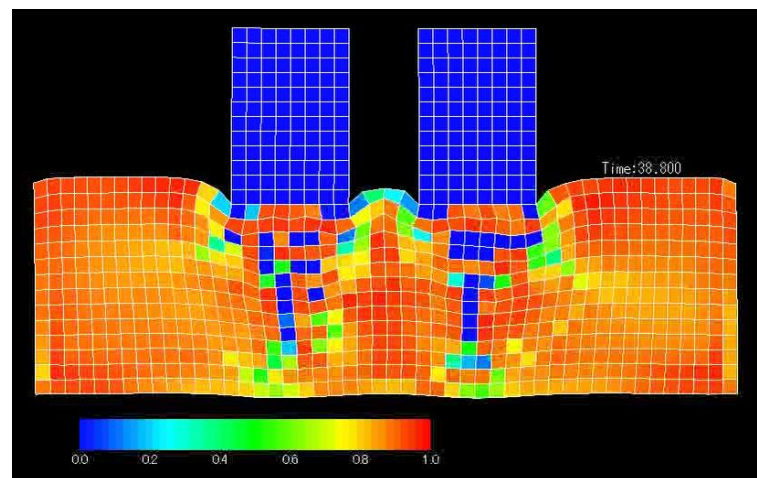
Analysis is performed on settlements of RC structure such as 4 story apartment due to liquefaction of foundation ground.

Analysis by FLIP can deal with the generalized case in comparing the behaviors of single foundation (Fig①) with those including the effect by adjacent foundation (Figs② and ③).

Fig① Single foundation



Fig② With adjacent foundation (separate a part)



Fig③ With adjacent foundation (closely spaced)

