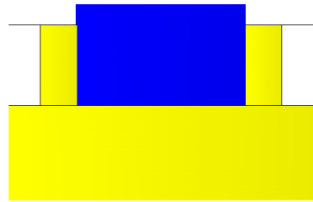


1) Footing on Homogeneous HalfSpace

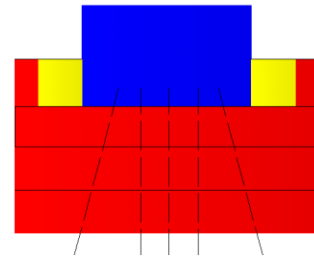
a) Surface



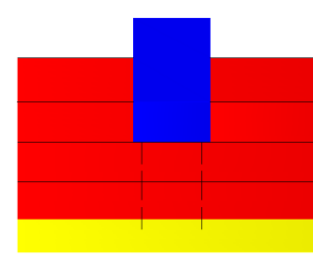
b) Embedded



2) Pile Footing

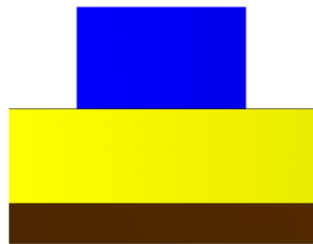


3) Deep Footing in Layered Medium (RIGID BODY)

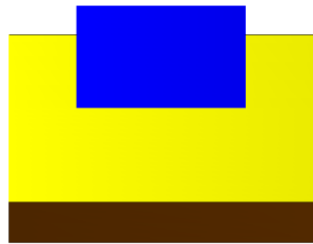


4) Footing on Homogeneous Layer (STRATUM)

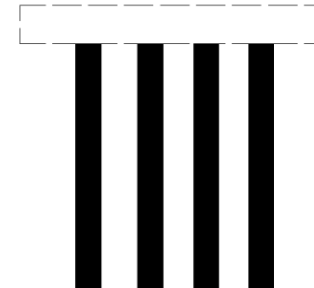
a) Surface



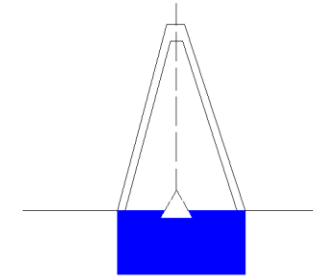
b) Embedded



5) Pile Group - Flexible Cap or No Cap

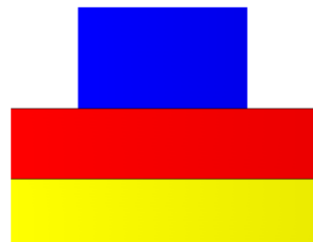


6) Hammer Foundation

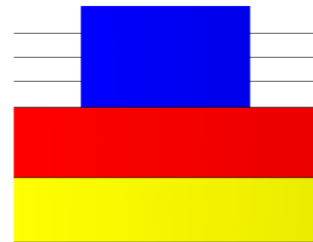


7) Rigid Footing on Composite Medium

a) Surface



b) Embedded



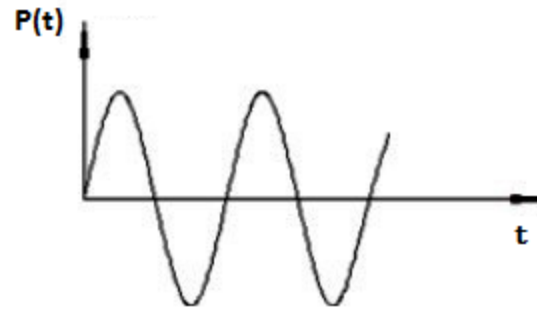
8) Flat Rectangular Footing on Homogeneous Half-Space (Mat Foundation)



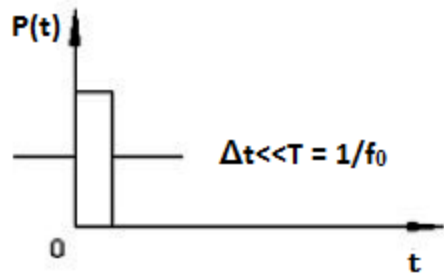
1) Transient Loading



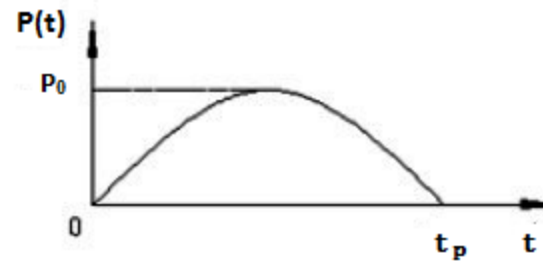
2) Harmonic Loading



3) Shock Loading
a) Very Short



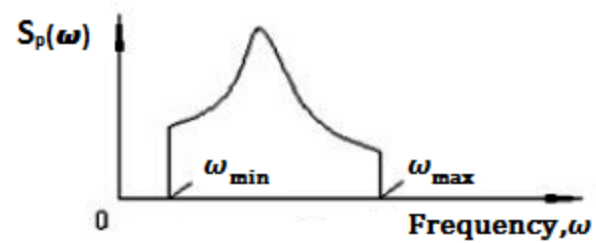
b) Half - Sine Pulse



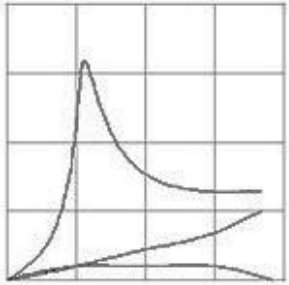
4) Random Loading
a) Time History



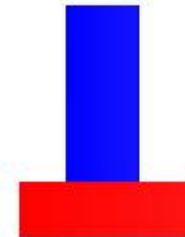
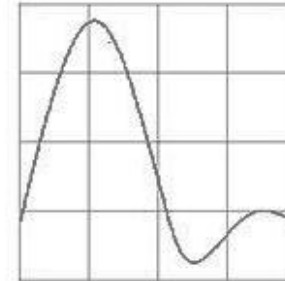
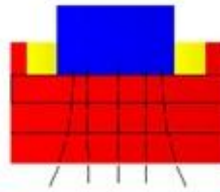
b) Power Spectrum



1) Frequency Response

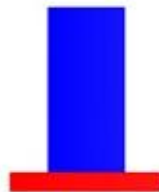
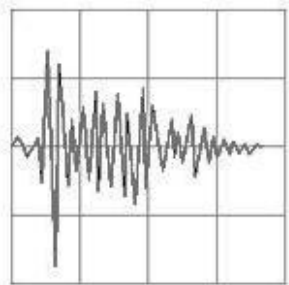


2) Transient Response



3) Silo Seismic Response

a) Time History



b) Power Spectra

