

TITLE: PILE-DRIVING METHOD AND VIBRATION CONTROL METHOD

ABSTRACT

A pile-driving method utilizes resonant vibrations depended on the length of a pile to drive the pile into the ground. A load is applied to the head of the pile, the load being equivalent to 0.26 times or more and 3 times or less the mass of the pile, and the pile is vibrated by means of resonant vibrations corresponding to a resonance mode in which the top of the pile is an antinode.