

[hos\\_gho@yahoo.com](mailto:hos_gho@yahoo.com)

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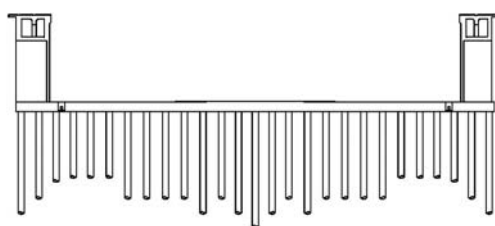
VLCC

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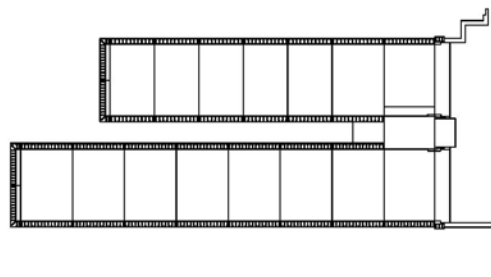
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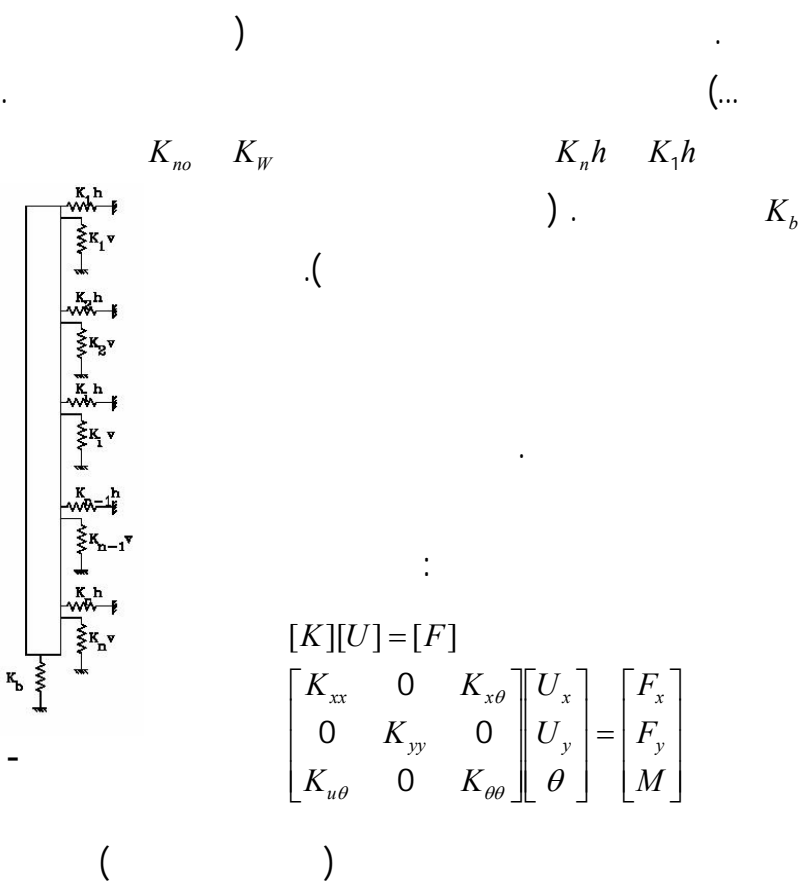
ISOICO



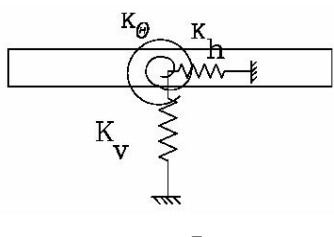
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Uplift

( Uplift )



$K \approx 0 \quad K = +\infty$

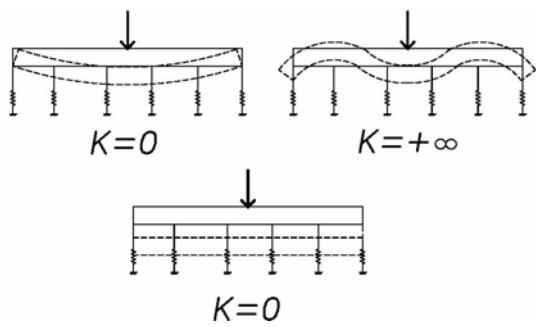


$K = K_0$

$$P_{Pile} = g(t_{Slab}, Ke_{Pile}, d, Loading), M_{Slab} = f(t_{slab}, Ke_{Pile}, d, Loading)$$

$K_e$

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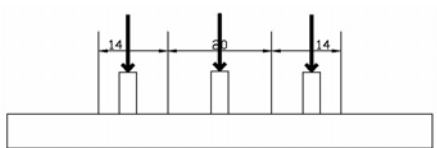
$$K_{io} \quad i$$

$$0.2K_{io} \sim 5K_{io}$$

$$K_0$$

$$0.2K_0$$

ISOICO



$$b_{eff} = \sqrt{\frac{B_{Slab} \times L_{Slab}}{N_B \times N_L}}, L_{eff} = \frac{\sum_{i=1}^N L_{Pi}}{N} \quad ( )$$

$$P_{tot} = (\rho_{bar} \times 7.85 \times P_{bar} + P_{Con}) \times V_{Con} + W_{Pile} \times P_{Pile} + L_{Pile} \times P_{driving} \quad ( )$$

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t

$L_{eff}$

D

n

$\rho_{tot}$

$U_i$

$$U_i = \{M_x^+, M_x^-, M_y^+, M_y^-, V_x^a, V_y^a\}$$

$$U_i = at^2 + bt + C$$

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$$t_2 = (t_1 + t_3) / 2 \quad t_2 = t_{max} \quad t_1 = t_{min}$$

$L_{eff}$  D

$L_{eff}$  D

t

2.8

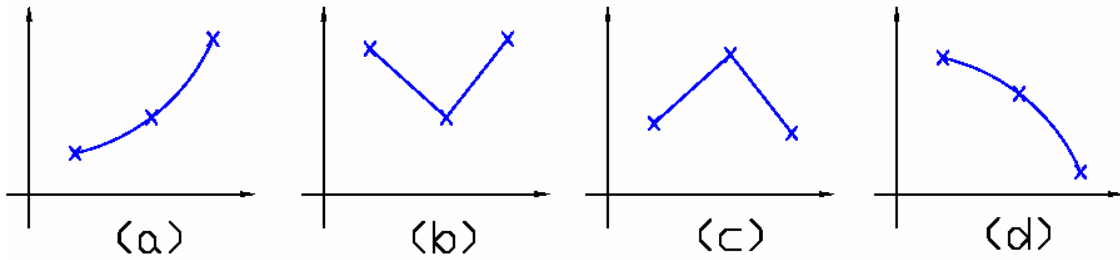
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$t_{opt}$   $L_{eff}$  D  $L_{eff}$

$L_{eff}$  (i

$L_2 = (L_1 + L_3)/2, L_3 = L_{eff-max}, L_1 = L_{eff-min}$  ( )



d a (ii)  
 (c) (iii)

$L_i$  (b) (iv.  $L_2 L_1$ )

iv ii

$L_1^{(i)} = (L_1^{i-1} + L_2^{i-1})/2, L_2^i = L_2^{i-1}, L_3^{(i)} = (L_2^{i-1} + L_3^{i-1})/2$  ( )

$t_{opt}, L_{eff-opt}$  D

( )

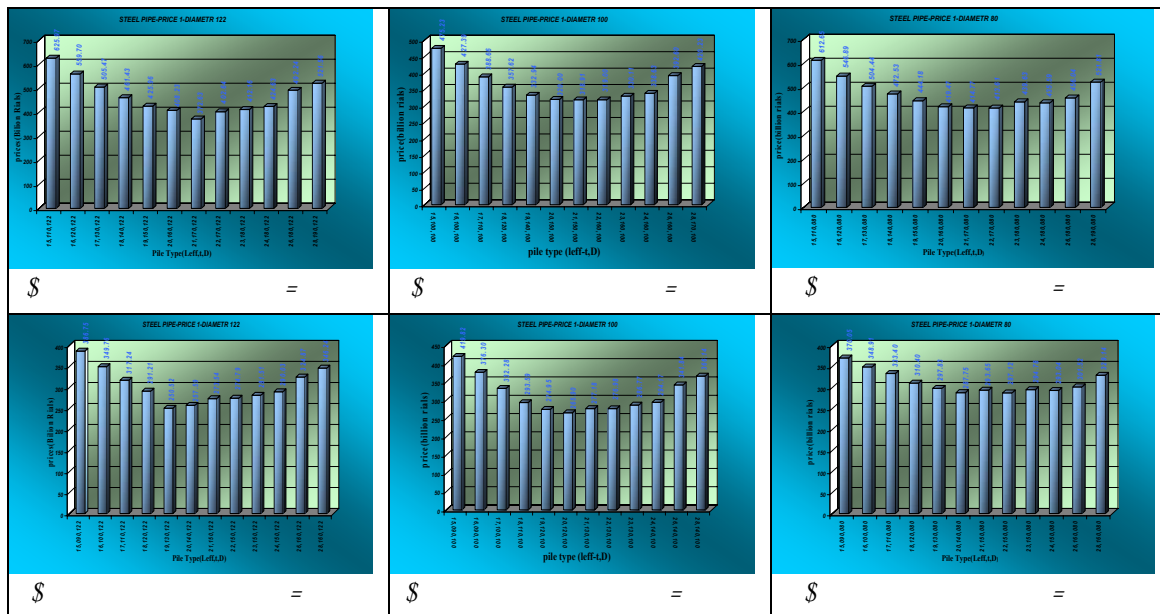
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