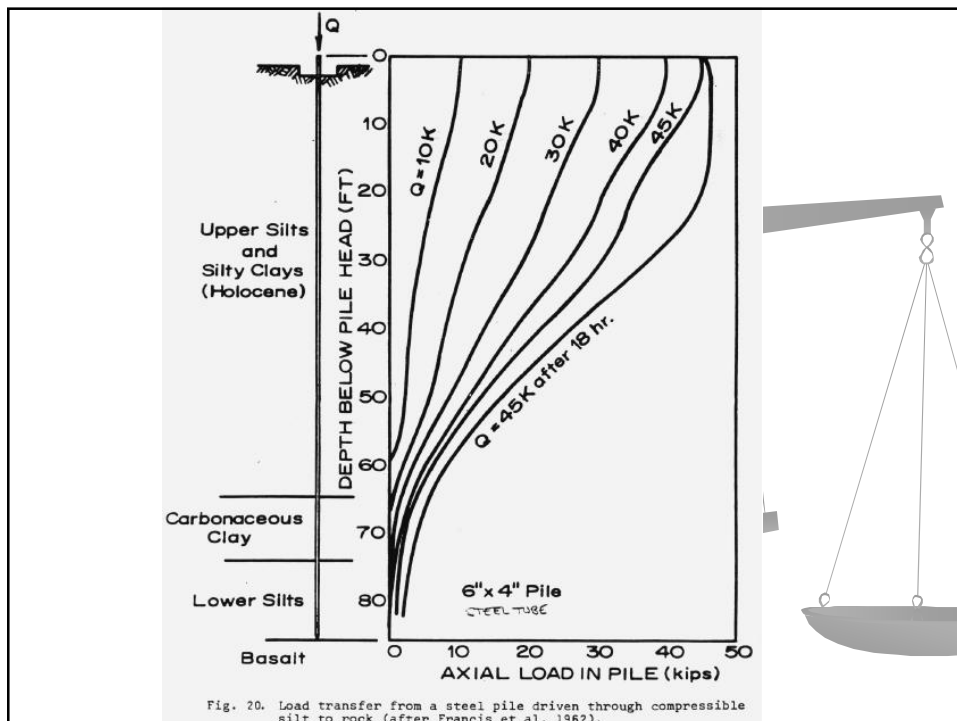
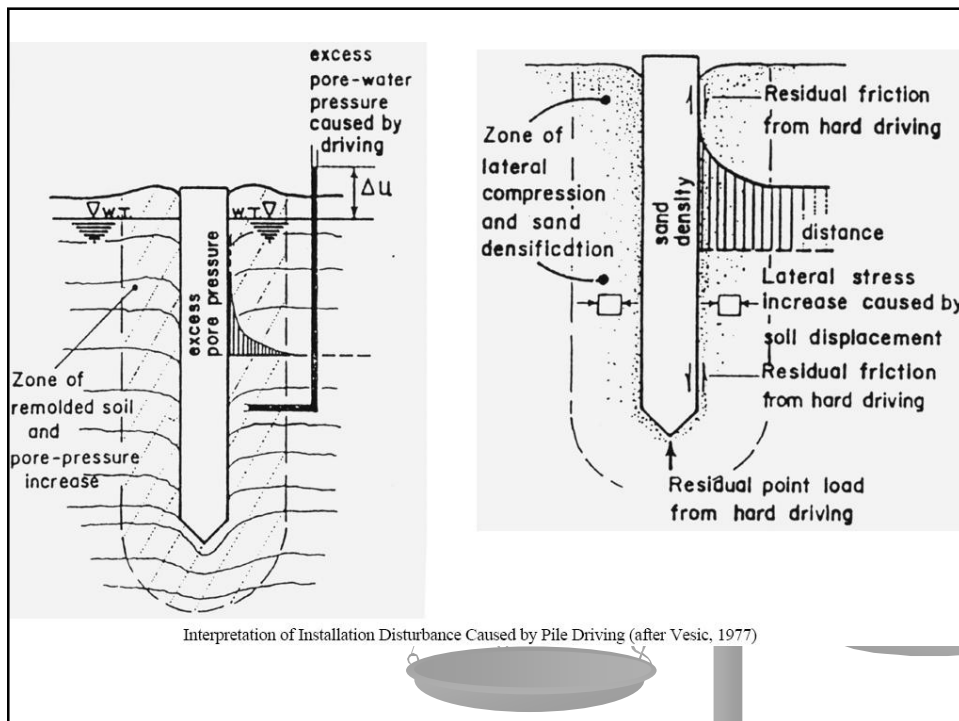
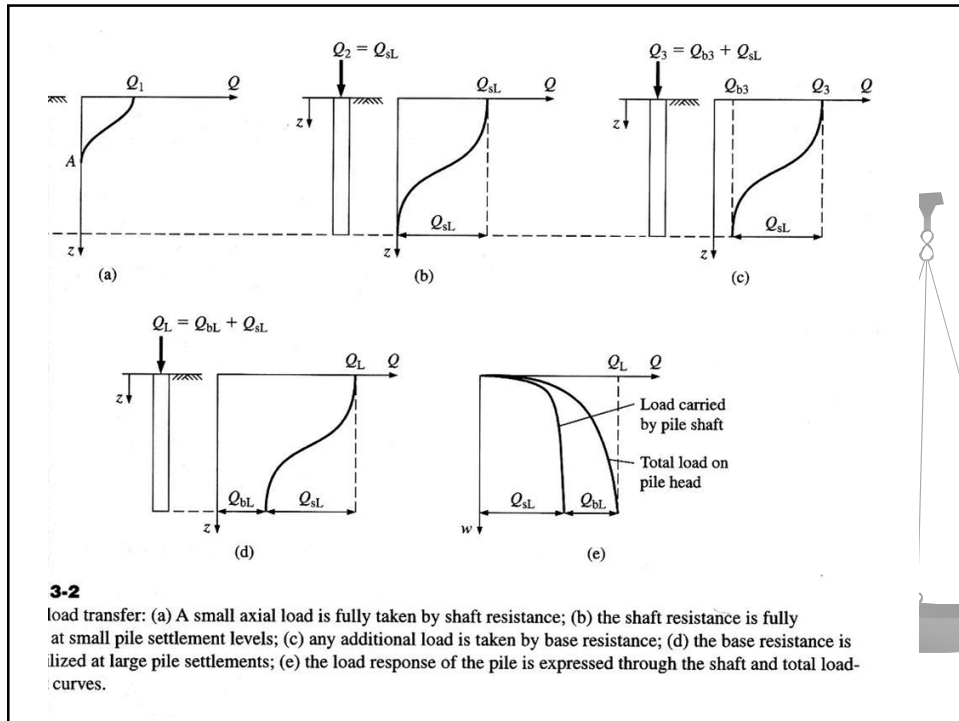


Transferencia de carga en pilotes





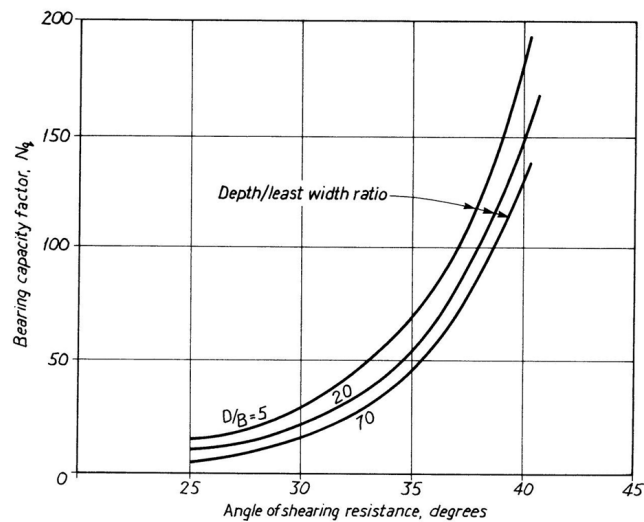
Capacidad por punta

Suelos No- Cohesivos

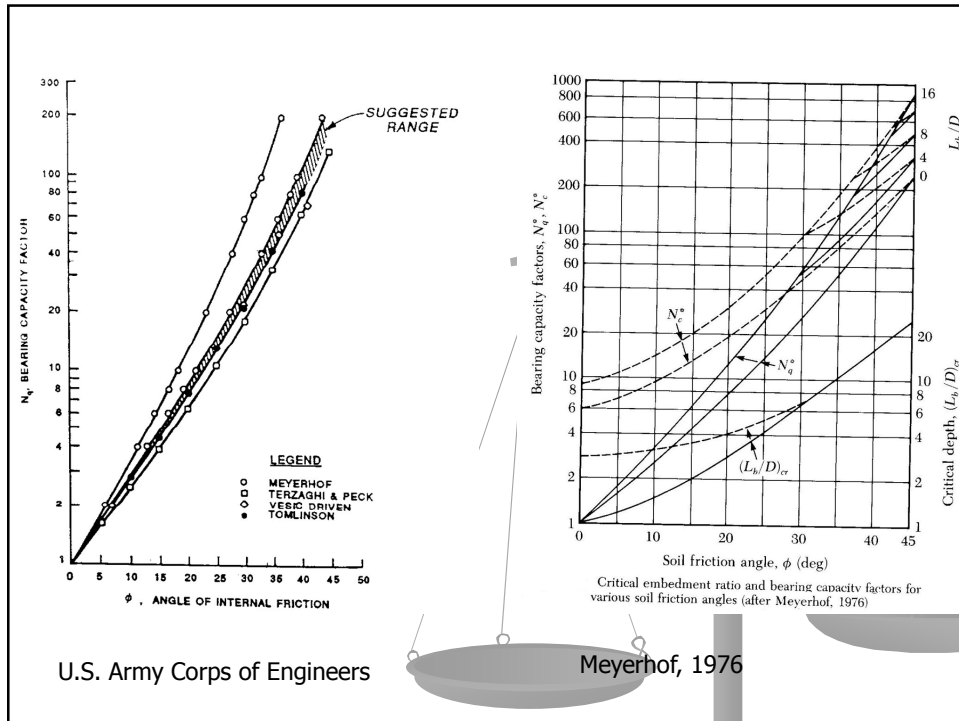
$$q_{ult} = N_q \cdot \sigma_{vo}$$

Valores para N_q

Valores de N_q para resistenci por punta.



Bearing capacity factors of Berezhantsev et al. (4,25)



Suelos Cohesivos

$$q_{ult} = N_c \cdot S_u + \sigma_{vo}$$

$$N_c = 7 - 13$$

Usualmente se considera $N_c = 9$

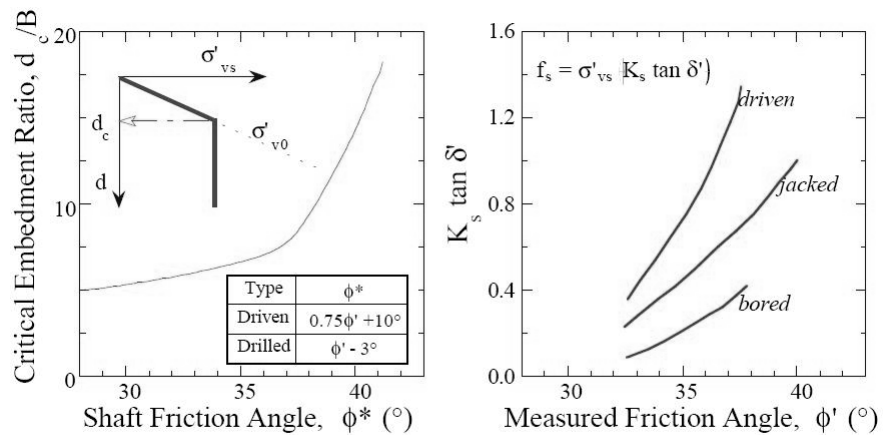
Capacidad por Fuste

Resistencia por fuste en arenas

$$f_s = \sigma_h \cdot \tan \delta = K_s \cdot \sigma_{vo} \cdot \tan \delta$$

$$= \beta \cdot \sigma_{vo}$$

Método β

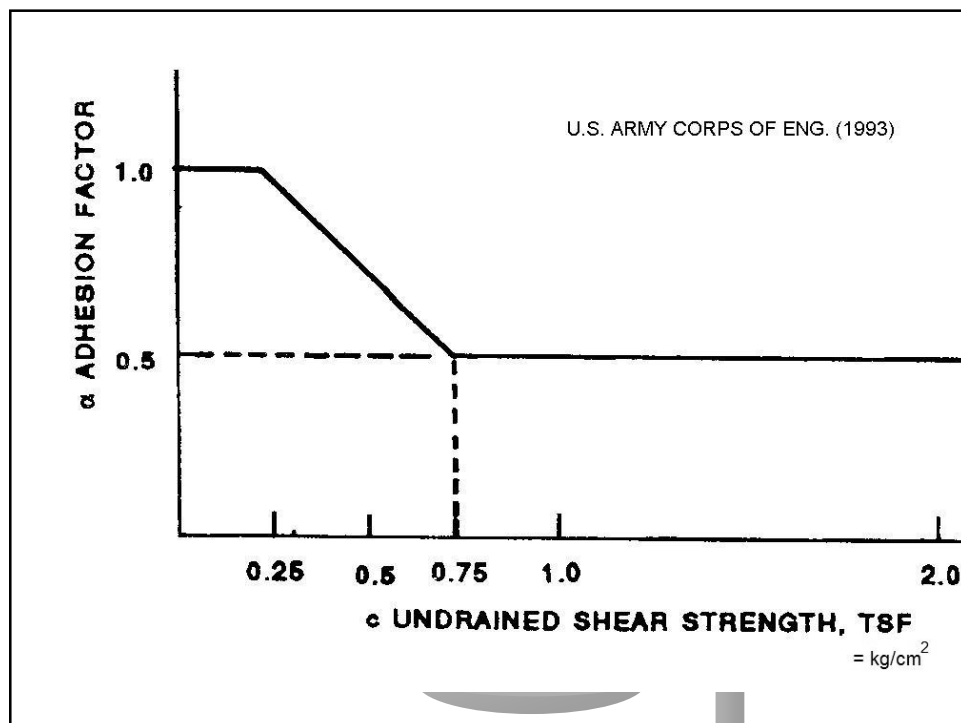
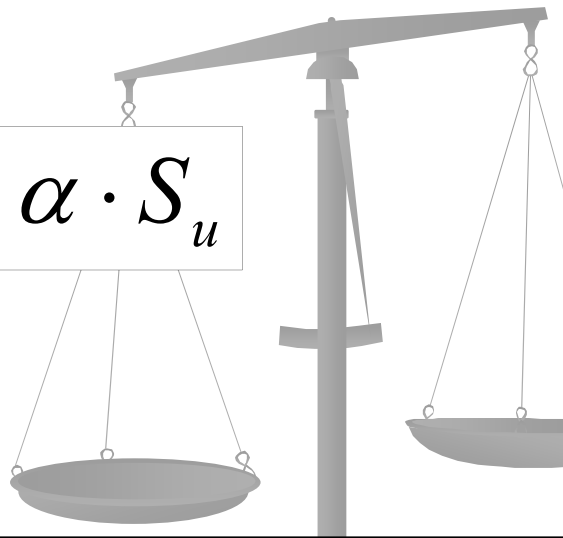


- Poulos & Davis (1980) procedure for computing shaft friction of piles in sand

Resistencia al fuste en arcillas

■ Método α

$$f_s = \alpha \cdot S_u$$



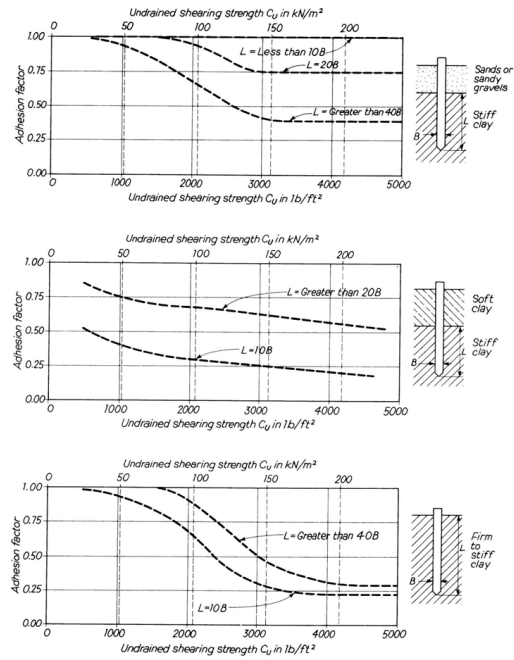


Fig. 4.7 Design curves for adhesion factors for piles driven into clay soils

PILOTES HINCADOS EN ARCILLAS DURAS
(Tomlinson, 1984)

