

Basic Information :

Name : Ahmed Abd Elkhalek

Title : Lecturer



Lecturer Ahmed Abd Elkhalek - Structural Engineering Department

Education :

Certificate	Major	University	Year
PhD	Civil Engineering	Ain Shams - Egypt	2004
Masters	Civil Engineering	Ain Shams - Egypt	2000
Bachelor	Civil Engineering	Ain Shams - Egypt	1996

Research :

Simple Mathematical Approach to Simulate Granular Fill Behavior under Dynamic Compaction

Prediction of Soil Liquefaction using genetic programming

Prediction of uplift capacity using genetic programming

THEORETICAL STUDY FOR R.C. COLUMNS STRENGTHENED WITH GFRP WITH DIFFERENT MAIN STEEL RATIO

Estimating the economic quantities of different concrete slab types

Optimum replacement depth to control heave of swelling clays

Optimum penetration depth of cantilever sheet pile walls in dry granular soil based on reliability analysis concept and its impact on the shoring system cost

Simplified Approach to Consider Cracking Effect on the Behavior of Laterally Loaded RC Piles