

Basic Information :

Name : Moustafa Kamel Metwally Zidan

Title : Professor



Moustafa Kamel Metwally Zidan
was born on 16/3/1948
Prof. of structural engineering, faculty of engineering, Ain Shams University.

Education :

Certificate	Major	University	Year
PhD	Structure Engineering	INSA, France	1980
Diploma	Structural Engineering	INSA, France	1977
Masters	Engineering	Ain Shams Univ.	1975
Bachelor	Structural Engineering	Ain Shams Univ.	1971

Teaching Experience :

Name Of Organization	Position	From Date	To Date
كلية الهندسة - جامعة عين شمس	أستاذ متفرع بقسم الهندسة الإنشائية	01/08/2008	07/05/2014
كلية الهندسة - جامعة عين شمس	وكيل الكلية لشئون الدراسات العليا و البحوث	19/05/2005	31/07/2008

Research :

Structural Health Monitoring of Composite Laminated Plates Using an Array of PWAS

Fields of Structural Analysis and Design

Analysis and Design of steel Transmission Towers

Détermination Numérique de la Charge Critique Élastique de Cadres Multi-Étagés

Étude du Coefficient de Flexibilité d'un Panneau Nervuré Sollicité en Cisaillement

Exemple de Calcul Selon des Règles Françaises d'une Ossature Compte tenu de la Collaboration de la Toiture

Présentation Générale de Recherches sur L'effet de Diaphragme en Construction Métalliques

Stability of Transmission Towers as Three Dimensional Non-linear Structures

Elastic Stability of Non-rectangular High Rise Buildings

Buckling Strength of Clad Pitched Roof Frames

Stability Analysis of Portal Frame Sheds Braced by Horizontal Diaphragms

Parametric Study for an Optimum Configuration of Transmission Towers

Effect of Opining on the Elastic Behavior of Shear Diaphragms

Shear Strength of Corrugated Steel Panels

A Simplified Method for the Analysis of the Stiffening Elements of High Rise Buildings Subjected to Lateral Loads

Buckling Lengths of Clad Portal Frame Columns

Curtailed Coupled Shear Wall on Elastic foundation

Effect of Curtailment on the Structural Behavior of Shear Walls
High Rise Buildings Having Stiffening Element of Non-Uniform nature Along the Building Height
An Exact Computational Method for Critical Buckling Loads
An Exact Computational Method for Critical Buckling Loads
Design Load Factors for Transmission Towers
Effect of Support Type and Frame Geometry and Stiffness on the Best Proportioning of Non-Rectangular Frames for Their Maximum Elastic Buckling Loads
A Finite Element Model for the Determination of Shear Buckling Load of Steel Corrugated Sheet Panels
A High Precision Laminated Anisotropic Thin Shell Finite Strip
Nonlinear Analysis of Reinforced Concrete Beams
Design Wind Loads on Transmission Towers
Analysis of Non-Planer Shear Wall Assemblies (Cores) by Space Frame Method
Effect of the Bracing System on the Behavior of Core Structures
Effect of Cracking and Non-Linearities on the Structural Response of Reinforced Concrete Structures
Elastic Behavior of Steel Shear Diaphragms With Lightweight Concrete Fill Subjected to In-Plane Forces
Uncertainty in the Plastic Analysis of Multi-Bay Multi-Story Steel Frames
Reliability of Standard Steel Cross Sections Subjected to Pure Bending Moments
The Efficiency of Simulating Wind Histories by Using Auto Regressive Method
Simplified Analysis of Steel Structures Taking Diaphragm Action Into Account
Plate Girders Web Buckling Considering the Flexural Rigidity of Flanges and Stiffeners
Simplified Analysis of Steel Structures Taking Diaphragm Action Into Account
Plate Girders Web Buckling Considering the Flexural Rigidity of Flanges and Stiffeners
Computer Programming for the Analysis and Design of Clad Steel Structures
Floor Expert System
Analysis of Raceways Resting on Cross-Anisotropic Soil
Behavior of Prestressed Composite Beams Under the Effects of Shrinkage and Creep
Reliability Analysis of Offshore Structure with Spatial Correlation of Nodal Wave Forces
Reliability Analysis of Single Layer Reticulated Shell Affected by Random Imperfection
Optimum Design of Transmission Towers Considering Secondary and Dynamic Effect
Structural Behavior of Raft Foundation Resting on Piles
Finite Element Model Using Isoparametric Element for the Analysis of Reinforced Concrete Shear Walls
Knowledge-Based Expert System on Experimental and Practical Repair & Strengthening Approaches of Concrete Structural Elements
Analysis of reinforced Concrete Shear Walls with Openings
A Non-Linear Analysis of an Elastic Circular Arch Using Quadratic B-Spline Finite Element
Optimum Design of Steel Frames and Plastic Design Check
Dynamic Behavior of Cable Suspended Roofs
Non-Linear Analysis of Infield Frames
Improvement of the Reliability of Transmission Towers Through Strengthening Process

Response of Guyed Towers to Simulated Earthquake Loading
Optimum Geometry Design of Large Skeletal Structures
Response of Guyed Towers to Wind Loading
Interactive Deterministic Analysis of Space Frame-Shear wall-Raft-Soil System
Reliability-Based Codified Design of Framed Steel Structures Interacted With Supporting Soil
Reliability Analysis of Fixed Offshore Steel Jackets Utilizing Response Surface Methodology
Dynamic Response of Fixed Offshore Structures Under Environmental Loads
Seismic Response of Liquid Storage Tanks Resting on the Ground
Effect of Severe Environmental Conditions on the Reliability Analysis of Offshore Structures: Application Perspective
System Reliability Based Assessment of Nonlinear 3-D Shear Wall-Frame-Raft-Soil Mass System
Structural Health Monitoring Using Two Stage Algorithm Combines Non Model-Based and Model-Based Techniques
Improving Shape Memory Alloy Model to Include The Effects of Temperature, Loading Frequencies, and Maximum Strain Amplitude
Identification of Damage in Plate-Link Structures Using Two Stage Algorithm Combines Non-Model Based and Model Based Techniques
Optimum Geometry and Initial Shape Finding of Cable Stayed Bridges
Proposed On-Bottom Stability Design Procedure for Sub Sea Pipelines Considering Pipeline Oscillations
Modelling of Damage Patterns of RC Concrete Columns Under Demolition by Blasting
Numerical Investigation of Hole Arrangement and Explosive Factor Required for Blasting RC Columns
Seismic Analysis of Buildings Using Direct Displacement Based Design Method
Evaluation of the Seismic Response Parameters for Infilled Reinforced Concrete Frame Buildings

Conference :

The 8th International Colloquium on Structural and Geotechnical Engineering
The 9th International Colloquium on Structural and Geotechnical Engineering
The 11th International Colloquium on Structural and Geotechnical Engineering

Awards :

Award	Donor	Date
Outstanding Services	Future University	01/01/2014
Ain Shams University Prize in Engineering Sciences estimated	Ain Shams University	01/01/2011