



Resume Curriculum

Dr Fawzy Mohamed Ahmed El_Behairy[

Assistant prof.

Civil Eng. Department

Assiut University

Assiut, Egypt

(Resume Curriculum)

Name: Dr. Fawzy Mohamed Ahmed El_Behairy

Nationality: Egyptian

Sex: Male

Date of Birth: - 11-3-1960

Nationality: - Egyptian

Place of Birth: - Sohag- Egypt

Religion: - Muslim

Languages: - Arabic- English - Japanese

Contact Information

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Academic Degrees:

1) Ph.D:

University: Nagoya University - College of Engineering

University Location (City, Country): Nagoya, Japan

Date Obtaining Degree: March, 1999

Title of Ph.D. Dissertation: Non-Linear analysis of RC structures using modified lattice model and its equivalent continua under static and cyclic loads

Advisor's Name: Proff. Dr. Tada aki TANABE

Applicant's Major: Civil Engineering

Applicant's Minor: Structural Analysis

2) Master Degree

University: Asyut University College: of Engineering

University Location (City, Country): Asyut, Egypt

Date Obtaining Degree: Nov., 1989

Title of MS. C. Dissertation:

"Analysis of beams having sudden change of inertia And sudden change of sub grade reaction coefficient on elastic foundation"

Advisor's Name: Proff. Dr. Abd-El rahman Megahid.

Applicant's Major: Structural and Concrete Mechanics

3) Bachelor Degree

University: Asyut University College: of Engineering

University Location (City, Country): Asyut, Egypt

Date of Obtaining Degree: June 1983

Applicant's Major: Civil Engineering (Structural Analysis of Concrete)

Employment History

Demonstrator: In Civil Eng. Dept. Asyut University, Asyut Egypt
October 1986-1989

Assistant lecture: In Civil Eng. Dept. Asyut University, Asyut Egypt
October 1989-1994

Research assistant: In Civil Eng. Dept. Nagoya University, Nagoya, Japan
April 1994-1995

Doctoral student Civil Eng. Dept. Nagoya University, Nagoya, Japan,
April 1995-1999

Research Associate Maeda Research Institute, Tokyo, Japan April,
1999- March, 2000

Lecturer In Civil Eng. Dept. Asyut University, Asyut Egypt April
2000-2003

Assistant prof. In Civil Eng. Dept. Al_Gabal Al Gharby university,
Libya Nov., 2003- June. 2008

Assistant prof. In Civil Eng. Dept. King Saudi university, KSA
Nov., 2008- to June. 2013

Work Experience

- Teaching undergraduate students.
- Teaching post graduate Student.
- Supervision for master research students.
- Doing research relating to the field.
- Design and Analyze of RC structures using computer soft programs.

- Consulting Engineer for concrete design structures.

Scholarship Awards:

- Doctoral scholarship submitted from Japanese High Educational Ministry (Monboshō) to study Doctoral degree from April, 1995-1999
- Get a present as one among ten research papers in the Japan Concrete Institution JCI Nagoya, Japan from Sept. 5-7, 1998

Committees:

- Member in Japan Concrete Institution (JCI).
- Member in American Concrete Institution (ASCE).
- Member in Japan society of Civil Engineer (JSCE).
- Consultant Engineer certificate awarded from Egyptian prime minister in October 12, 2005.
- Member in different committees in Faculty of Engineering at El_Kharje, King Saudi University, KSA.

CONFERENCES, SYMPOSIUM, WORKSHOPS AND OTHER ACTIVITIES

1. International Conference held by the Japan Concrete Institution JCI, Tokyo University, Tokyo, Japan, Proceeding No. 18, July 12, 1995.
2. International Conference held by the Japan Concrete Institution

- JCI, Tokyo University, Tokyo, Japan, Proceeding No. 19, June 12, 1996.
3. International Engineering Mission Conference, Alexandria Univ. Alex., Egypt Aug. 20-24, 1996.
 4. International Conference held by the Japan Concrete Institution JCI, Cobi University, Cobe, Japan, Proceeding No. 20, June 19, 1997.
 5. International conference CIB world Building Congress, Gavle, Sweden June 7-12, 1998
 6. International Conference held by the Japan Concrete Institution JCI, Nagoya University, Nagoya, Japan, Proceeding No. 20, Sept 7, 1998.
 7. Get a present as one among ten research papers in the Japan Concrete Institution JCI Nagoya, Japan from Sept. 5-7, 1998
 8. International Conference held by the Japan Concrete Institution JCI, Chiba University, Chiba, Japan, Proceeding No. 21 July 25, 1999
 9. International Conference held by the Japan Concrete Institution JCI, Sindai University, Sindai, Japan, Proceeding No. 22, July 16, 2000.
 10. International conference In Civil Engineering, Asyut Univeristy, Asyut, Egypt October 10-12, 2003

COMMUNITY SERVICES

- Design many of concrete structures projects.
- Design and supervision of different high raise tower buildings in Asyut and Cairo, Egypt.
- Design of several Steel structure projects.
- Supervision for many concrete and steel project constructions.
- Co-operate in the construction of Asyut underground RC Tunnel, Asyut, Egypt.

- Precede several experimental material properties.

ACADEMIC AND RESEARCH INTERESTS

- Analysis of Structures under static and dynamic loads
- Concrete and Structural mechanics.
- Analysis of structures under earthquake effects
- Soil - Structural Interaction

TEACHING EXPERIENCE

Teaching undergraduate students

Theory of structures 1&2 & 3

Analysis of structures using several Soft computer programs.

Write down a book for undergraduate students with title"

Analysis of structures using stiffness and flexibility methods"

Design of reinforced concrete structures 1&2

Design of Reinforced concrete, Elevated and rest on soil tanks.

Design of steel structures 1 & 2

Teaching post-graduate students:-

Engineering applications of the computer

Advanced theory of structures.

Advanced properties & stress of materials

Soil - structure interaction

RESEARCH WORK PUBLICATIONS

1. El-Behairy, F. M., Niwa, J. and Tanabe, T. A. "Analytical Study 011 Pure

- Torsion Behavior of Concrete Columns using 3D-Lattice Model." Proc. of JCLVol.18.No.2. 1996. Pp. 263-268.
2. El-Behairy, F. M. and Tanabe, T. A. "Numerical Study for Shear and Torsion Resisting Mechanism using 3D-Lattice Model" presentation in the mission conference, Alexandria Univ. Egypt, Aug. 20-24, 1996.
 3. El-Behairy, F. M., Niwa, J. and Tanabe, T. A. "Simulation of the R.C. Column Behavior in 3-D Stress State under Pure Torsion Using 3D-Lattice Model" Proc. of JCI Transaction, Yol. 18, 1996, pp. 303-309.
 4. El-Behairy, F. M. and Tanabe, T. A. "A study on the Fundamental Characteristics of Lattice Model for Reinforced Concrete Beam Analysis", Japan Soc. Civ. Eng. JSCE), Journal of Materials, Concrete Structures and Pavements, No. 599/V-40, August 1998,Pp.165-175.
 5. El-Behairy, F M. and Tanabe, T. A. "A New Technique for Reinforced Concrete Beam Analysis using the Modified Lattice Model" Proc. JCI. YOL.19.No.2. 1997. Pp. 477-482.
 6. El-Behairy, F. M. and Tanabe, T. A. "Rational Discretization Method for Reinforced Concrete Beam Analysis Using the Modified Lattice Model" Proc. of JCI Transaction Vol. 19, 1997, Pp. 365-372.
 7. El-Behairy, F. M., and Tanabe, T. A. "Development of the Lattice Model and it's Application for the Shear Failure Mechanism" International Conference CIB World Building Congress, Gavel, Sweden June 7-June 12, 1998.
 8. El-Behairy, F. M., Niwa, J. and Tanabe, T. A. "Application of the Modified Lattice Model to Simulate Shear Failure of the RC Beams" Submitted to JCI Vol. 20, 1998.
 9. Atsuko KUME, Yu, El-Behairy F. M. and NIWA, J." ~7.ffii~~-i-o)tHTiH'U*{~1t(= J:6 RC;j:j:nO)ffiJJj(Jl.iJ(f)(lf~" Proc. JCI Vol. 20,1998, Pp. 361-366.
 10. El-Behairy, F. M., and Tanabe, T. A. "3D Constitutive Model for R.C. Columns under Pure Torsion by the Equivalent Continuum Method" Submitted to the International Conference 8bdmc, Vancouver, CANADA, may :30 - .June :3, 1999.
 11. El-Behairy, F. M. and Tanabe, T. A. "Analysis of the RC Columns under Pure Torsion Using the Modified Lattice Model in three Dimensions" Submitted to JSCE in July 1998.
 12. El-Behairy, F. M. and Tanabe, T. A. "Estimation of Shear Resisting Mechanism of RC Beams Using the Suggested Modified lattice Model"

Proc. of JCI Transaction Vol. 20. 1998.

13. Atsuko KUI\IE, Yu, El-Beahiry F. M. and NIWA J. "Development of Constitutive Law of Material by the Equivalent Continua of Plane Lattices" Proc. of JCI Transaction Vol. 20, 1998.
14. El-Beahiry, F. M "Development of new facture model for RC structures using Continua Lattice Model" Proc. of JCI Transaction Vol. 21, 1999 .
15. El-Beahiry, F. M. "fracture energy of early age of concrete under the static load" International Conference ASPEC-ICC Norhazilan MD Noor et al, Surabaya-Indonesia 2-4 Oct. 2012.