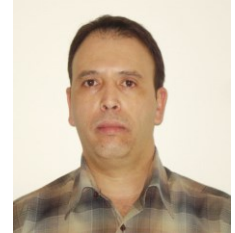


Curriculum Vitae

February 2022

1. PERSONAL DATA



Name: Lotfi Omar Gargab.
Date of Birth: 02 Jan 1972.
Nationality: Libyan.
Program Area: Structural Engineering -Dynamics of Structures.

2. ACADEMIC POSITION

Assistant Professor-Civil Engineering.

3. EDUCATION

(August 2008 - December 2012) **Colorado School of Mines – Golden, Colorado, USA**

Doctor of Philosophy in Civil Engineering

Specialization: Dynamic Modeling.

Dissertation Title: *Modeling and Identification of Multistory Buildings with Seismic Recordings.*

(August 2008 - July 2011) **Colorado School of Mines – Golden, Colorado, USA**

Master of Science in Civil Engineering (December 2012)

Specialization: Civil Engineering – Structural Engineering.

(March 1999 - March 2004) **Al Fateh University – Tripoli, Libya**

Master of Science in Civil Engineering

Specialization: Hydraulic.

Dissertation Title: *Comparison Study of Different Formulae for Calculating Head Losses and Friction in Circular Pipes.*

(March 1993 - July 1997) **Al Jabel Al Gharbi University – Jadu, Libya**

Bachelor of Science in Civil Engineering

Specialization: Structural Engineering

Dissertation Title: Analysis and Design of a Multistory Building.

3. EMPLOYMENT HISTORY

September 2021 – Present	Lecturer – Libyan Academy for Science- Engineering & Applied Science School -Civil Engineering Division.
December 2018 – September 2021	Chancellor of Scientific Affairs – Nalut University.
15 May 2015-31 November 2018	Dean of Engineering College – Jadu/Al Jabel Al Gharbi University.
February 2013 – 15 May 2015	Lecturer at the Al Jabel Al Gharbi University/Engineering School.
August 2004 – August 2007	Assistant Lecturer at Al Jabel Al Gharbi University/Engineering
August 2003 – December 2005	Office Engineer at Al Nahr Company for Pipe Manufacturing and Construction (the main contractor of the man-made river in Libya/headquarter office).
June 2000 – August 2003	Office Engineer at the General Water Company for Water and Waste Water (headquarter office).

4. TEACHING ACTIVITIES

Courses Taught

- Structural Dynamics-Master Degree Level
- Advanced Analysis of Multistory Reinforced Concrete Buildings-Master Degree Level
- Research Methodology- Master Degree Level
- Approximate Methods of Structural Analysis- Master Degree Level
- Mechanics of Materials
- Reinforced Concrete Design I & II
- Structural Analysis
- Matrix Structural Analysis
- Dynamics of Structures
- Soil Mechanics II
- Foundation Engineering

Supervise undergraduate and Graduate projects

Supervising master's theses.

Supervising bachelor's project

5. SOFTWARE AND PROGRAM KNOWLEDGE

- MATLAB
- MATHEMATICA
- SAP 2000
- ETABS
- CSI SAFE

6. PUBLICATIONS

- **Lotfi O. Gargab**, Ruichong R. Zhang (2014). Post-earthquake damage detection using a pair of seismic recordings. Accepted and will be included in proceedings of the ICBSE 2014: International Conference on Building Science and Engineering to be held in Sydney, Australia during December, 15-16, 2014 <http://waset.org/Publications>.
- Ruichong Zhang and **Lotfi Gargab**. (2014). A computational model for stochastic wave propagation in long structures. Vol.1, No.1, pp.351-369. In Blucher Mechanical Engineering Proceedings, São Paulo, v. 1, n. 1, Maio., <http://dx.doi.org/10.5151/meceng-wccm2012-16767Parametric>.
- Zhang, R., & **Gargab, L.** (2014). Response features and parametric identification of shear-deformation buildings with continuous–discrete modeling. *Engineering Structures*, 59, 375-385.
- Zhang, R., & **Gargab, L. O.** (2013, June). System identification of multi-story buildings with a pair of seismic recordings. In IABSE Symposium Report (Vol. 100, No. 5, pp. 268-275). International Association for Bridge and Structural Engineering.
- **Gargab, L. O.** (2012). Modeling and identification of multistory buildings with seismic recordings. Colorado School of Mines.
- Ruichong Zhang and **Lotfi Gargab** (2012). A computational model for stochastic wave propagation in long structures. 10th world congress on computational mechanics 8-13 July.
- Ruichong Zhang and **Lotfi O. Gargab** (2011). Response characterization and system identification of high-rise buildings with continuous-discrete modeling: Chapter book -Wave Propagation ISBN 980-953-307-376-2.

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- Zhang, R. R., and **Gargab, L.** (2011). System identification of high-rise structures with piecewise continuous modeling. Proceedings of the Engineering Mechanics Institute Conference. Boston, USA, June 2-4, 491-515.
- Zhang, R. R., Snieder, R., **Gargab, L.**, & Seibi, A. (2011). Modeling of seismic wave motion in high-rise buildings. Probabilistic Engineering Mechanics, 26(4), 520-527.