

CURRICULUM VITAE

Ali Ziaeinia

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Personal Information

First Name: Ali

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Birth Date: 13, December, 1985



Educational Background

- 2013-2015 M.Sc. in Structural Engineering, Hakim Sabzevari University, Sabzevar, Iran.
- 2005-2012 B.Sc. in Civil Engineering, Islamic Azad University of Central Tehran Branch, Tehran, Iran.

Master Dissertation

- 2015 Ali Ziaeinia, "High Performance Concrete, Dynamic Optimisation and Corrossion", M.Sc., Department of Civil Engineering, Hakim Sabzevari University.

Publications

Journal Papers:

- Hamid Eskandari, Ali Ziaeinia, "Simultaneous effect of nano and micro silica on corrosion behaviour of reinforcement in concrete containing cement strength grade of C-525", *Procedia Manufacturing* 22 (2018) 399–405, INTER-ENG 2017, Tirgu-Mures, Romania.
<https://www.sciencedirect.com/science/article/pii/S2351978918303561>
- Ali Ziaeinia, Mahdi Shariati, Elnaz Salehabadi, "Dynamic Mix Design Optimization of High-Performance Concrete", *Steel and composite structures*, Vol. 29, No. 1 (2018) 67-75.
<http://techno-press.org/content/?page=article&journal=scs&volume=29&num=1&ordernum=5>
- A. Ziaeinia, H. Eskandari, (December 2018). "Synergistic Effect of Micro- and Nano-Silica on Corrosion Behavior of Steel Rebar in Concrete: Electrochemical Measurements and Statistical Optimization" *Constructon and building materials* (under review).

Conference Papers:

- H. Eskandari and A. Ziaeinia, "Dynamic optimization for high performance concrete in concrete structures passive defense", *International Conference On Sustainable Urban Structure*, Iran, June 2014.

Under Preperation Papers:

- Eskandari-Naddaf, H., Ziaeinia, A., Mahdi Nia, S., Eskandari & A., Naddafi, (2018). *A Software Tool for Dynamic Mix Design Optimization of High Performance Concrete*.

Books:

- H. Eskandari, A. Ziaeinia, (2017). *Advanced Concrete Technology:properties*, (translated in Persian).

Academic Teaching and Research Experiences

- *2014 TA concrete technology under supervision of Dr. Eskandari-Naddaf, Hakim Sabzevari University.*
- *2013-2016 and 2017-now Working at modern concrete technology laboratory of Hakim Sabzevari University.*

Membership

- *2014-Now ICI-Iranian Concrete Institute.*
- *2015-2017 Shahid Rajaei Professional Group.*
- *2017-Now Construction supervisor Of Tehran Construction engineering Organization..*

Computer skills

- *Auto Cad, Office (Word, Excel, Power point).*

Areas of Interest

- *Corrosion of reinforced concrete*
- *Advanced Concrete Technology*
- *Concrete experimental research*
- *High Performance Concrete(HPC)*
- *Fracture mechanics*
- *Dynamic Optimization*