

اطلاعات شخصی



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نام و نام خانوادگی: علیرضا گرکانی نژاد
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سوابق تحصیل

دکتر: مهندسی زلزله، پژوهشگاه بین المللی زلزله شناسی و مهندسی زلزله (۱۳۹۷)
کارشناسی ارشد: مهندسی زلزله، دانشگاه تهران (۱۳۸۸)
کارشناسی: مهندسی عمران، دانشگاه صنعتی اصفهان (۱۳۸۶)

مقالات ISI

Luigi Di Sarno, Saeed Amiri, **Alireza Garakaninezhad**. Effects of incident angles of earthquake sequences on seismic demands of structures, *Structures*. 2020; 28, 1244-1251.

Alireza Garakaninezhad, Morteza Bastami. Intra-event spatial correlation for the vertical component of acceleration in single and multiple periods. *Journal of Seismology*. 2019: 23(4), 853-867.

Garakaninezhad A, Bastami M. An Evolutionary Approach for Structural Reliability Assessment. *Structural Engineering and Mechanics*. 2019; 71(4), 329-339.

Garakaninezhad A, Bastami M. A Novel Spatial Correlation Model Based on Anisotropy of Earthquake Ground-Motion Intensity. *Bulletin of the Seismological Society of America*. 2017;107(6):2809-20.

Garakaninezhad A, Bastami M, Soghrat MR. Spatial correlation for horizontal and vertical components of acceleration from northern Iran seismic events. *Journal of Seismology*. 2017;21(6):1505-16.

مقالات علمی-پژوهشی

ساسان عشقی، محمدمهدی مداح، **علیرضا گرکانی نژاد**، برآورد پاسخ لرزه ای قاب های خمشی فولادی در سطح آستانه فروریزش با استفاده از یک روش تحلیل پوش اور مودال پیشنهادی، نشریه مهندسی عمران و محیط زیست امیرکبیر، (پذیرفته شده)

مقالات کنفرانس

Authors: Alireza Garakaninezhad, Reza Kamyab Moghadas

Title: On the Performance of a Technique to Accelerate Time Integration When Applied to Space Structures Analyses

Type of Participation: Presenter

Conference: 5th ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering

Location: Greece

Date: 25–27 May 2015

Authors: Alireza Garakaninezhad, Morteza Bastami, Saeed Amiri

Title: Seismic Response Prediction of Nonlinear Building structures Using Neural Network

Type of Participation: Presenter

Conference: 2nd International & 6th National Conference on Earthquake & Structures

Location: Iran

Date: May 2015

Authors: Alireza Garakaninezhad, Aran Naserpour

Title: Effects of soil-structure interaction on the seismic response of existing braced steel frames.

Type of Participation: Presenter

Conference: 7th International Conference on Seismology and Earthquake Engineering.

Location: Tehran, Iran

Date: May 2015.

Authors: Alireza Garakaninezhad, Alireza Asgari Hadad, Saeed Amiri, Aram Soroushian

Title: On the importance of verification and validation in structural engineering.

Type of Participation: Presenter

Conference: 6th International Conference from Scientific Computing to Computational Engineering.

Location: Athens.

Date: 9-12 July, 2014

Authors: Saeed Amiri, Alireza Garakaninezhad, Soheil Azad, Aram Soroushian

Title: On The Effect Of Nonlinearity Tolerance On The Adequacy Of The Integration Step Size Recommended In The Seismic Code Of New Zealand

Type of Participation: Presenter

Conference: 6th International Conference from Scientific Computing to Computational Engineering.

Location: Athens.

Date: 9-12 July, 2014

Authors: Aram Soroushian, Saeed Amiri, Alireza Garakaninezhad, Soheil Azad,

Title: A Weakness of The Generalized-A Time Integration Method

Type of Participation: Presenter

Conference: 6th International Conference from Scientific Computing to Computational Engineering.

Location: Athens.

Date: 9-12 July, 2014

Authors: Alireza Garakaninezhad, Ali Yahyapour, Alireza Asgari Hadad, Aram Soroushian

Title: a comparison between linear and nonlinear time history analyses after implementing a recent computational cost reduction technique.

Type of Participation: Presenter

Conference: Proc, 11th World Conference on Computational Mechanics (WCCM XI);

Location: Spain

Date: 2014

Authors: Aram Soroushian, **Alireza Garakaninezhad** ,Ali Yahyapour, Alireza Asgari Hadad,

Title: Performance of a computational cost reduction technique in lengthy time interval analyses.

Type of Participation: Presenter

Conference: Proc, 11th World Conference on Computational Mechanics (WCCM XI);

Location: Spain

Date: 2014
