Dr. Takhirov's List of Publications

1. J. M. Kelly and S. M. Takhirov. "Fiber-Reinforced Seismic Bearings for Low-Cost Seismic Isolation Systems". Proceedings of the 10th World Conference on Seismic Isolation, Energy Dissipation and Active Vibrations Control of Structures, Istanbul, Turkey, May 27-30, 2007.

2. J. M. Kelly & S. M. Takhirov, "Tension buckling in multilayer elastomeric isolation bearings", Journal of Materials and Structures, Vol. 2, No. 8, 2007, pp.1591-1606.

3. J.M. Kelly and S.M. Takhirov, "Fiber-Reinforced Seismic Isolators as Low-Cost Alternative to Steel-Reinforced Elastomeric Bearings", Proceedings of the International Conference on Earthquake Engineering (ICEE-2006), Lahore, Pakistan, September 8-9, 2006.

4. S.M. Takhirov and J. M. Kelly, "Buckling of Elastomeric Seismic Isolation Bearings: Numerical Simulation". Proceedings of the International Conference on Modern Problems and Directions of Mechanics, Tashkent Uzbekistan, May 17-18, 2006.

5. S.M. Takhirov and J. M. Kelly, "Numerical Study on Buckling of Elastomeric Seismic Isolation Bearings", The 2006 Structures Congress and the 17th Analysis & Computation Specialty Conference, St. Louis, Missouri, USA, May 18-21, 2006.

6. J. Kelly and S. Takhirov. "Analytical and Numerical Studies of Tension Buckling of Multi-Layer Elastomeric Isolators", Proceedings of The Ninth Pan American Congress of Applied Mechanics, January 2-6, 2006, Merida, Yucatan, Mexico, p. 88.

7. Takhirov S., Fenves G., and Fujisaki E. 'Seismic Qualification and Fragility Study of Line Break 550-kV Disconnect Switches', Pacific Earthquake Engineering Research Center, University of California at Berkeley, PEER 2004/08, February 2005.

8. Takhirov S., Fenves G., Fujisaki E., and Clyde D. 'Ground Motions for Earthquake Simulator Qualification of Electrical Equipment', Pacific Earthquake Engineering Research Center, University of California at Berkeley, PEER 2004/07, January 2005.

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