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Andrei M. Reinhorn, PE PhD is a Clifford Furnas Eminent Professor Emeritus in the Department of Civil Structural and Environmental Engineering at University at Buffalo (SUNY), where he taught courses in structural engineering with emphasis on experimentation and simulations in structural dynamics and earthquake engineering. He conducted experimental and analytical research on structural control and on inelastic seismic behavior of buildings and bridge systems. He performed experimental studies and developed computational tools using generic macro-models for simulation of inelastic behavior of structures during progressive collapse. He was one of the initiators of the disaster management using resilience concepts leading to the resilience based design. He published in excess of seven hundred articles and reports in archival journals, conference proceedings and institutional publications. He developed several computer platforms on inelastic dynamic analysis (IDARC series) and base isolations (3DBASIS series), currently used by engineers and researchers around the world. He was a member of MCEER's executive committee and directed its' networking program. He was the leading team member of the expansion and served as the founding Director of the University at Buffalo's Structural Engineering and Earthquake Simulation Laboratory, hosting the most versatile equipment site of the George E. Brown Network for Earthquake Engineering Simulation (NEES). He served as one of the founding members of the Board of Directors of NEESinc., the organization that coordinated the new network, and is the past chair of the Data Sharing and Archiving Committee. He led the effort of development of NEES Data Sharing and Archiving national policies and developed a comprehensive model for data architecture. A former Chair of his Department, he served in the Presidential Review Board for promotions and tenures at University at Buffalo, and in other departmental, school and university assignments. He taught routinely design and analysis classes, and hands on experimentation. He educated numerous graduates (MS, PhD) now in leadership positions in academe and industry. He is the recipient of 2015 ASCE Moisseiff Award, 2011 ASCE Nathan M. Newmark Medal, 2007 SUNY Chancellor Award for Excellence in Scholarship and Creative Activity, 2005 ASCE-CREF Charles Pankow Award for Innovation, among numerous others.



PERSONAL DATA

EDUCATION: *Doctor of Science in Civil Engineering, (D.Sc.) equiv. Ph.D., 1978; Technion - Israel Institute of Technology - Haifa, Israel; Thesis: Static and Dynamic Torsional Coupling in Tall Building Structures.*
Bachelor of Science in Civil Engineering, (B.Sc.) 1968; Technion - Israel Institute of Technology - Haifa, Israel; Major: Structural Engineering.
Bachelor - Gymnasium Diploma - 1963; "Alex I. Cuza" High School - Bucharest, Romania

LICENSES: *Professional Engineer – PE - New York State, #59572 - since 1982*
Professional Engineer – PE - Israel, #07402- since 1969

TRAINING: *Operation of Seismic Simulation Systems - MTS, Minneapolis, MN - 1982*
Experimental Methods in Earthquake Engineering - University of California at Berkeley, Berkeley, CA - 1983

PERSONAL: *B.10/23/1945 Bucharest, Romania; Married Tova (1968) + 2 Children + 5 Grandchildren*

CITIZENSHIP: *U.S. Naturalized Citizen, since 1987*

LANGUAGES: *English, Hebrew, Romanian, French*
