

CURRICULUM VITAE

PANAYIOTIS ROUSSIS, Ph.D.

CURRENT AFFILIATION

Assistant Professor
Department of Civil & Environmental Engineering
University of Cyprus
75 Kallipoleos Street, 1678 Nicosia, Cyprus
Phone: +357 22892210, E-mail: roussis@ucy.ac.cy

EDUCATION

University at Buffalo, Buffalo, NY, USA
Ph.D. in Civil Engineering, 2004

Rice University, Houston, TX, USA
M.Sc. in Civil Engineering, 1999

National Technical University, Athens, Greece
Diploma in Civil Engineering, 1996

RESEARCH INTERESTS

- Structural dynamics and earthquake engineering
- Seismic isolation
- Earthquake-simulator testing
- Rigid-body dynamics

PROFESSIONAL EXPERIENCE

University of Cyprus

Assistant Professor, Dept. of Civil & Environmental Engineering, Nov. 2009 – Present

University of Cyprus

Lecturer, Dept. of Civil & Environmental Engineering, Aug. 2005 – Oct. 2009

University at Buffalo

Postdoctoral Associate, Dept. of Civil, Structural & Environmental Engineering, Sep. 2004 – May 2005

University at Buffalo

Research Assistant, Dept. of Civil, Structural & Environmental Engineering, Sep. 2000 - Aug. 2004

Rice University

Research Assistant, Dept. of Civil Engineering, Sep. 1997 - May 1999

TEACHING INTERESTS

- Structural dynamics and earthquake engineering
- Seismic isolation and energy-dissipation systems
- Structural analysis
- Analytical dynamics

TEACHING EXPERIENCE

Instructor

Graduate Courses Developed

CEE521: Structural Dynamics and Earthquake Engineering

Department of Civil & Environmental Engineering, UCY

Fall 2007, Spring 2009, Fall 2009, 2010, 2011, 2012, 2013, Spring 2015, 2017, 2018, 2019, 2020, 2021

Undergraduate Courses Developed

CEE121: Structural Analysis I (former CEE220)

Department of Civil & Environmental Engineering, UCY

Fall 2005, Spring 2007, 2008, 2009, 2010, 2011, 2012, 2014, 2015, 2017, 2018, 2019, 2020, 2021

CEE220: Structural Analysis II (former CEE221)

Department of Civil & Environmental Engineering, UCY

Spring 2006, Fall 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020

CEE320: Dynamics of Structures

Department of Civil & Environmental Engineering, UCY

Fall 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020

Teaching Assistant

EAS208: Dynamics

School of Engineering and Applied Sciences, University at Buffalo

Fall 1999, Spring 2000

TEACHING MATERIAL

Comprehensive lecture notes in electronic format have been meticulously prepared for all courses taught.

- *CEE121: Structural Analysis I* – 312 pages
- *CEE220: Structural Analysis II* – 330 pages
- *CEE320: Dynamics of Structures* – 380 pages
- *CEE521: Structural Dynamics and Earthquake Engineering* – 385 pages

AWARDS AND HONORS

- Nominated for the *Teaching Excellence Award, University of Cyprus, 2017-2019*
Awarded to an academic member of the University of Cyprus every two years in recognition of teaching excellence and for promotion of quality of teaching in the wider academic community.
- *Full Tuition and Research Assistantship, University at Buffalo, 2000-2004*
Awarded by the University at Buffalo for studies towards the Ph.D. degree.
- *Full Tuition and Teaching Assistantship, University at Buffalo, 1999-2000*
Awarded by the University at Buffalo for studies towards the Ph.D. degree.
- *Dr. Sophokles E. Logiadis Prize, Multidisciplinary Center for Earthquake Engineering Research (MCEER), 2003*
Awarded to graduate students in structural engineering who demonstrated high scholastic ability and made a substantial contribution to the advancement of the technologies of seismic isolation and energy dissipation.
- *Who's Who Among Students in American Universities & Colleges, 2002*
Awarded to a select group of students from across the United States who demonstrate consistent excellence in scholastic achievement.
- *Fellowship and Tuition Scholarship, Rice University, 1996-98*
Awarded by Rice University for studies towards the M.Sc. degree.
- *Scholarship Award, Hellenic Professional Society of Texas, 1997*
Awarded by the Hellenic Professional Society of Texas for excellent scholastic performance.
- *Scholarship Award, State Scholarship Foundation (I.K.Y), Greece, 1991, 1992*
Awarded by the Greek State Scholarship Foundation for academic excellence.
- *Academic Award, Greek Technical Chamber, Greece, 1991, 1992*
Awarded by the Greek Technical Chamber (T.E.E) for academic excellence.
- *Scholarship Award, P.N. Altygou, NTUA, Greece, 1991, 1992*
Awarded by NTUA to top three (of 200) students in class.

COMPUTER SKILLS

Programming Languages: Fortran, Matlab, C, C++

Development Tools: AutoCAD, SigmaPlot, Adobe Photoshop, Adobe Illustrator, Visio

Engineering Software: Matlab, Maple, 3D-BASIS, ABAQUS, ANSYS, SAP2000, IDARC-2D, DADiSP, Electronic Laboratory Notebook (ELN)

RESEARCH GRANTS

- *Seismic Retrofitting of RC frames with RC infilling (SERFIN), SERIES Transnational Access (TA) project, 7th Framework Program, 2009-2011, Member (Principal Investigator for UCY) of research team comprised of investigators from Cyprus University of Technology, the University of Cyprus, and the University of Nantes, France, €600,000.*

- *Funding for obtaining an earthquake simulator and establishing the Earthquake Engineering Laboratory in the Department of Civil and Environmental Engineering, University of Cyprus, Principal Investigator (1 Co-PI), €170,800.*
- *Seismic vulnerability and strengthening of existing privately owned buildings, Cyprus Research Promotion Foundation, 2008-2010, Co-Principal Investigator (2 Co-PI), €139,960.*
- *Base-isolation technology for earthquake protection of cultural heritage, European Commission's Sixth Framework Programme, Marie Curie International Re-Integration Grants, Marie Curie Actions, 2007-2009, Principal Investigator, €80,000.*

PARTICIPATION IN RESEARCH PROJECTS

- *3D-BASIS-ME-MB: Computer program for nonlinear dynamic analysis of seismically isolated structures, Multidisciplinary Center for Earthquake Engineering Research (MCEER), 2004-2005.*
- *Earthquake simulator testing of five-story structure with viscous damping system, George E. Brown, Jr. Network for Earthquake Engineering Simulation (NEES), 2004-2005.*
- *Experimental and analytical studies of structures seismically isolated with an uplift-restraint isolation system, Multidisciplinary Center for Earthquake Engineering Research (MCEER) - National Science Foundation (NSF), 2000-2004.*
- *Assessment of performance of seismic isolation system of Bolu Viaduct, Federal Highway Administration (FHWA), 2000-2001.*
- *Dynamic analysis of stacked rigid blocks, National Science Foundation (NSF), 1996-1998.*

GRADUATE-STUDENT ADVISING

Doctoral Degree (Principal Advisor)

Spyroula Odysseos	Graduated: June 2016
<i>Dissertation title: General Planar-Motion Dynamics of Base-Isolated Rigid Blocks.</i>	
Haralambia Charalambous	Graduated: June 2015
<i>Dissertation title: The Mechanics of Arterial Suturing.</i>	

Doctoral Degree (Dissertation Committee Member)

Eftychia Mavronicola	Graduated: June 2017
<i>Dissertation title: Nonlinear Modeling Considerations on the Seismic Response of Base-Isolated Buildings: 2D and 3D Investigations of Poundings.</i>	
Charalambos Georgiou	Graduated: June 2013
<i>Dissertation title: Damage Assessment, Repair Scheduling and Visualization for Post-Earthquake Building Rehabilitation.</i>	
Vasiliki Zafeiropoulou (University of Thessaly, Greece)	Graduated: July 2013
<i>Dissertation title: The contact mechanics of rubber materials: Analysis of penetration tests and applications to human arteries.</i>	

Master Degree (Principal Advisor)

Zafeiris Loulourgas, MSc	Expected: Feb. 2022
--------------------------	---------------------

Michalis Patsias, MSc	Expected: Feb. 2022
Panayiotis Charalambous, MEng	Graduated: June 2020
Christodoulos Xenarou, MSc	Graduated: June 2018
Antigoni Polydorou, MSc	Graduated: Feb. 2016
Pambina Antoniou, MEng	Graduated: Feb. 2016
Dimitra Dimitriou, MSc	Graduated: June 2013
Ersa Modestou, MEng	Graduated: Feb. 2012
Elisavet Pisiara, MSc	Graduated: June 2009

Post-doctoral Associates

Dr. Nicholas Kyriakides	2015-2016
<i>Project title:</i> Seismic fragility analysis of base-isolated rigid structures	

Research Associates

Dr. Haralambia Charalambous	2015-2016
<i>Project title:</i> Dynamic response of human arteries	

UNIVERSITY SERVICE

- International Relations Coordinator (CEE Department), 2021-present
- ERASMUS Coordinator (CEE Department), 2016-present
- Undergraduate Studies Committee (CEE Department), Member, 2016-2019
- Library Coordinator (CEE Department), 2013-2017
- Advisory Committee for the Support of Students with Special Needs (UCY), Departmental Representative, 2005-present
- School of Engineering Council (School of Engineering), Member, 2013-2015
- School of Graduate Studies Council (UCY), Member, 2012-2013
- Graduate Studies Committee (CEE Department), Chair, 2009-2013 (two consecutive terms)
- Graduate Studies Committee (CEE Department), Member, 2007-2009
- Library Coordinator (CEE Department), 2006-2008
- Research Seminar Series “The Engineer in Society” Coordinator (CEE Department), 2009-2011

MANUSCRIPT REVIEWING

- *Journal of Structural Engineering*, American Society of Civil Engineers (ASCE).
- *Soil Dynamics and Earthquake Engineering*, Elsevier
- *Earthquake Engineering & Structural Dynamics*, Wiley

- *Engineering Structures*, Elsevier
- *Materials and Structures*, Springer.

CONFERENCE ACTIVITIES

- Scientific committee member, *11th HSTAM International Congress on Mechanics*, May 2016, Athens, Greece.
- Co-editor of Conference Proceedings, *Proceedings of the 9th HSTAM International Congress on Mechanics*, July 12-14, 2010, Limassol, Cyprus (CD-ROM). Editors: P. Papanastasiou, P. Roussis, D. Loukidis, E. Sarris, J. Katsikadelis.
- Organizing committee co-chair, *9th HSTAM International Congress on Mechanics*, July 2010, Limassol, Cyprus.
- Session co-chair, *14th World Conference on Earthquake Engineering (14WCEE)*, October 2008, Beijing, China.
- Session co-chair, *3rd Greek Conference on Earthquake Engineering and Engineering Seismology*, November 2008, Athens, Greece.
- Scientific committee member, *3rd Greek Conference on Earthquake Engineering and Engineering Seismology*, November 2008, Athens, Greece.

TECHNICAL COMMITTEES

- Eurocodes Committee for National Annex to Eurocode 8 (EN1998: Design of structures for earthquake resistance), Ministry of Interior - Technical Chamber of Cyprus.
- National Construction Technology Platform established under the auspices of the European Construction Technology Platform (ECTP), Technical Chamber of Cyprus.

PROFESSIONAL MEMBERSHIPS

- American Society of Civil Engineers (ASCE), Member
- Earthquake Engineering Research Institute (EERI), Affiliate Member
- Anti-Seismic Systems International Society (ASSISi), Member
- Hellenic Society for Theoretical and Applied Mechanics (HSTAM), Member
- Cyprus Scientific and Technical Chamber (ETEK), Member

LIST OF PUBLICATIONS

Refereed Journal Papers

- [J15] **Roussis P.C.** and Odysseos S. (2017), “Rocking Response of Seismically-Isolated Rigid Blocks Under Simple Acceleration Pulses and Earthquake Excitations”, *The Open Construction & Building Technology Journal*, 11, 217-236, doi:10.2174/1874836801711010217.
- [J14] Charalambous H.P., **Roussis P.C.**, Giannakopoulos A.E. (2017), “Viscoelastic dynamic arterial response”, *Computers in Biology and Medicine*, 89,337-354, doi:10.1016/j.compbimed.2017.07.028.
- [J13] Charalambous H.P., **Roussis P.C.**, Giannakopoulos A.E. (2017), “The effect of strain hardening on the dynamic response of human arteries”, *The Open Biomedical Engineering Journal*, 11.
- [J12] Asteris P.G., **Roussis P.C.**, Douvika M.G. (2017), “Feed-Forward Neural Network Prediction of the Mechanical Properties of Sandcrete Materials”, *Sensors*, 17(6), 1344, doi:10.3390/s17061344.
- [J11] **Roussis P.C.**, Giannakopoulos A.E., Charalambous H.P., Demetriou D.C. and Georghiou G.P. (2015), “Dynamic Behavior of Sutured-Anastomosed Arteries and Implications to Vascular Surgery Operations”, *BioMedical Engineering Online*, 14(1), doi:10.1186/1475-925X-14-1.
- [J10] Kyriakides N., Chrysostomou C.Z., Kotronis P., Georgiou E. and **Roussis P.** (2015), “Numerical simulation of the experimental results of a RC frame retrofitted with RC Infill walls”, *Earthquakes and Structures*, 9(4), 735-752, doi:10.12989/EAS.2015.9.4.735.
- [J09] **Roussis P.C.**, Giannakopoulos A.E. and Charalambous H.P. (2015), “Suture Line Response of End-to-side Anastomosis: A Stress Concentration Methodology”, *Cardiovascular Engineering and Technology*, 5, 1-13, doi:10.1007/s13239-014-0206-6. Epub 2014.
- [J08] **Roussis P.C.**, Giannakopoulos A.E. and Charalambous H.P. (2015), “Analytical Side-to-side Related Anastomotic Strategies and Artery Patching”, *The Open Biomedical Engineering Journal*, 8, pp.1-9, doi:10.2174/1874120701509010001.
- [J07] **Roussis P.C.**, Tsopelas P.C. and Constantinou M.C. (2010), “Nonlinear Dynamic Analysis of Multi-Base Seismically Isolated Structures with Uplift Potential II: Verification Examples”, *Earthquake Engineering and Engineering Vibration*, 9(1), 83-91.
- [J06] Tsopelas P.C., **Roussis P.C.** and Constantinou M.C. (2009), “Nonlinear Dynamic Analysis of Multi-Base Seismically Isolated Structures with Uplift Potential I: Formulation”, *Earthquake Engineering and Engineering Vibration*, 8(3), 421-431.
- [J05] **Roussis P.C.** (2009), “Study on the effect of uplift restraint on the seismic response of base-isolated structures,” *Journal of Structural Engineering*, ASCE, 135(12), 1462–1471.
- [J04] **Roussis P.C.** and Constantinou M.C. (2006), “Uplift-restraining Friction Pendulum seismic isolation system,” *Earthquake Engineering and Structural Dynamics*, 35(5), 577-593.
- [J03] **Roussis P.C.** and Constantinou M.C. (2006), “Experimental and analytical studies of structures seismically isolated with an uplift-restraining Friction Pendulum system,” *Earthquake Engineering and Structural Dynamics*, 35(5), 595-611.
- [J02] **Roussis P.C.**, Constantinou M.C., Erdik M., Durukal E. and Dicleli M. (2003), “Assessment of performance of seismic isolation system of Bolu Viaduct,” *Journal of Bridge Engineering*, ASCE, 8(4), 182-190.
- [J01] Spanos P.D., **Roussis P.C.** and Politis N.P. (2001), “Dynamic analysis of stacked rigid blocks,” *Journal of Soil Dynamics and Earthquake Engineering*, 21(7), 599-618.

Book Chapters and Edited Conference Proceedings

- [B02] Chrysostomou C.Z., Kyriakides N., **Roussis P.C.**, Asteris P.G. (2015), “Emerging Technologies and Materials for the Seismic Protection of Cultural Heritage”, in Handbook of Research on Seismic Assessment and Rehabilitation of Historic Structures, pp. 576-606, P. Asteris, & V. Plevris (Eds.), ISBN13: 9781466682863, IGI Global.
- [B01] Papanastasiou P., **Roussis P.**, Loukidis D., Sarris E., Katsikadelis J. (Eds.) (2010), *9th HSTAM International Congress on Mechanics*, Limassol, Cyprus (CD-ROM).

Refereed Conference Papers

- [C25] **Roussis P.C.**, Giannakopoulos A.E., Charalambous H.P. (2016), “Analytical Model for the Dynamic Behavior of End-to-End Anastomosis,” *11th HSTAM International Congress on Mechanics*, 27–30 May 2016, Athens, Greece.
- [C24] **Roussis P.C.**, Giannakopoulos A.E., Charalambous H.P. (2016), “Effect of Elastic Mismatch of the Response of Arterial Reconstructions,” *11th HSTAM International Congress on Mechanics*, 27–30 May 2016, Athens, Greece.
- [C23] **Roussis P.C.**, Giannakopoulos A.E. and Charalambous H.P. (2015), “Response of End-to-side Arterial Anastomoses with Continuous Suturing,” *4th International Conference on Computational and Mathematical Biomedical Engineering*, 29 June-1 July 2015, Paris, France.
- [C22] **Roussis P.** and Odysseos S. (2014), “Slide-rocking response of seismically-isolated rigid structures subjected to horizontal ground excitation”, *Second European Conference on Earthquake Engineering and Seismology*, 25-29 August 2014, Istanbul, Turkey.
- [C21] **Roussis P.C.**, Giannakopoulos A.E. and Charalambous H.P. (2014), “Influence of Elastic Mismatch on the Response of End-to-side and Side-to-side Arterial Anastomosis,” *7th World Congress of Biomechanics*, 6-11 July 2014, Boston, MA, USA.
- [C20] **Roussis P.C.**, Giannakopoulos A.E. and Charalambous H.P. (2014), “Study on the Suture Line Response of Arterial End-to-side Anastomosis,” *7th World Congress of Biomechanics*, 6-11 July 2014, Boston, MA, USA.
- [C19] **Roussis P.C.** and Odysseos S. (2014), “Multi-mode response of base-isolated rigid blocks to ground excitation,” *10th U.S. National Conference on Earthquake Engineering (10NCEE)*, 21-25 July 2014, Anchorage, Alaska.
- [C18] **Roussis P.C.** and Odysseos S. (2013), “On the effect of seismic isolation on the rocking response of free-standing rigid structures,” *13th World Conference on Seismic Isolation (Assisi), Energy Dissipation and Active Vibrations Control of Structures*, 24-27 September 2013, Sendai, Japan.
- [C17] **Roussis P.C.**, Giannakopoulos A.E. and Charalambous H. (2013), “Study on the dynamic behavior of arterial end-to-end anastomosis,” *XIII Mediterranean Conference on Medical and Biological Engineering and Computing*, 25-28 September 2013, Seville, Spain.
- [C16] Odysseos S., Modestou E., **Roussis P.C.**, Tsopelas P., Kalathas N., and Demetriadis G. (2012), “Study on the effect of rigid diaphragm beneath the seismic-isolation system on structural response,” *15th World Conference on Earthquake Engineering (15WCEE)*, 24-28 September 2012, Lisbon, Portugal.
- [C15] **Roussis P.C.** and Odysseos S. (2012), “Dynamic response of seismically isolated rigid blocks under near-fault ground motions,” *15th World Conference on Earthquake Engineering (15WCEE)*, 24-28 September 2012, Lisbon, Portugal.

- [C14] Chrysostomou C.Z., Kyriakides N., Kotronis P., Poljansek M., Taucer F., **Roussis P.**, Kosmopoulos A. (2012), “Seismic retrofitting of RC frames with RC infilling,” *15th World Conference on Earthquake Engineering (15WCEE)*, 24-28 September 2012, Lisbon, Portugal.
- [C13] Pavlou E.A., Constantinou M.C., **Roussis P.C.** (2010), “Seismic response of nonstructural elements in structures with energy-dissipation systems”, *9th Us National and 10th Canadian Conference On Earthquake Engineering*, 25-29 July, 2010, Toronto, Canada.
- [C12] **Roussis P.C.**, Tsopelas P.C., Constantinou M.C. (2010), “Three-dimensional nonlinear dynamic analysis of multi-base seismically isolated structures with uplift potential”, *9th Us National and 10th Canadian Conference On Earthquake Engineering*, 25-29 July, 2010, Toronto, Canada.
- [C11] **Roussis P.C.** (2010), “Effect of base isolation on the rocking vibration of rigid bodies under dynamic excitation,” *9th HSTAM International Congress on Mechanics*, 12–14 July 2010, Limassol, Cyprus.
- [C10] Tsopelas P. and **Roussis P.C.** (2010), “Dynamic analysis of structures with multi-level isolation interfaces under conditions of bearing uplift,” *9th HSTAM International Congress on Mechanics*, 12–14 July 2010, Limassol, Cyprus.
- [C09] **Roussis P.C.** and Pavlou E.A. (2009), “Passive control systems for protection of cultural heritage objects,” *International Conference on Protection of Historical Buildings (PROHITECH 2009)*, 21-24 June 2009, Rome, Italy.
- [C08] **Roussis P.C.**, Pavlou E.A. and Chrysostomou C. (2009), “Innovative technologies for the seismic protection of cultural heritage in Cyprus,” *International Conference on Protection of Historical Buildings (PROHITECH 2009)*, 21-24 June 2009, Rome, Italy.
- [C07] **Roussis P.C.**, Pavlou E.A. and Pisiara E.C. (2008), “Base-isolation technology for earthquake protection of art objects,” *14th World Conference on Earthquake Engineering (14WCEE)*, 12-18 October 2008, Beijing, China.
- [C06] **Roussis, P.**, Tsopelas P. and Constantinou, M.C. (2007), “Dynamic analysis of base-isolated structures under conditions of bearing uplift,” *Proceedings, Assisi 10th World Conference on Seismic Isolation, Energy Dissipation and Active Vibrations Control of Structures*, 28-31 May 2007, Istanbul, Turkey.
- [C05] **Roussis, P.C.** and Constantinou, M.C. (2006), “Seismic response analysis of structures equipped with uplift-restraining sliding isolation bearings: A case study,” *Proceedings, 8th National Conference on Earthquake Engineering*, 18-22 April 2006, San Francisco, CA, USA.
- [C04] **Roussis, P.C.**, Tsopelas, P.C., Constantinou, M.C., Buchanan R., and Reinhorn A.M. (2006), “Computer program for three-dimensional nonlinear dynamic analysis of seismically isolated structures,” *Proceedings, First European Conference on Earthquake Engineering and Seismology*, 3-8 September 2006, Geneva.
- [C03] **Roussis, P.C.** and Constantinou, M.C. (2004), “Experimental and analytical study of seismically isolated structures with uplift restraint,” *Proceedings, 13th World Conference on Earthquake Engineering*, 1-6 August 2004, Vancouver, Canada.
- [C02] Constantinou, M.C., Erdik, M., and **Roussis, P.C.** (2003), “Assessment of performance of Bolu Viaduct in Duzce earthquake in Turkey,” *FIB Symposium on Concrete Structures in Seismic Regions*, 4-5 May 2003, Athens, Greece.
- [C01] Dicleli, M., Constantinou, M.C., **Roussis, P.C.**, Erdik, M., and Durukal, E. (2002), “Performance of the seismically isolated Bolu Viaduct in the 1999 Duzce earthquake in Turkey,” *Proceedings, 81st Annual Meeting, Transportation Research Board, Federal Highway Administration*, 13-17 January, 2002, Washington, D.C.

Technical Reports

- [T08] Poljanšek M., Taucer F., Ruiz J.M., Chrysostomou C.Z., Kyriakides N., Onoufriou T., **Roussis P.**, Kotronis P., Panagiotakos T., and Kosmopoulos A. (2014) “Seismic Retrofitting of RC Frames with RC Infilling (SERFIN Project),” *JRC Scientific and Policy Report*, Publications Office of the European Union, Luxembourg, doi:10.2788/630, pp. 104.
- [T07] Tsopelas, P.C., **Roussis, P.C.**, Constantinou, M.C., Buchanan R., and Reinhorn A.M. (2005), “3D-BASIS-ME-MB: Computer program for nonlinear dynamic analysis of seismically isolated structures,” *Technical Report MCEER-05-0009*, Multidisciplinary Center for Earthquake Engineering Research, Buffalo, NY.
- [T06] **Roussis, P.C.** and Constantinou, M.C. (2005), “Experimental and analytical studies of structures seismically isolated with an uplift-restraint isolation system,” *Technical Report MCEER-05-0001*, Multidisciplinary Center for Earthquake Engineering Research, Buffalo, NY.
- [T05] **Roussis, P.C.** and Constantinou, M.C. (2004), “Five-story test structure with damping system,” *Technical Report UB/CSEE/SEESL-2004-02*, Department of Civil, Structural and Environmental Engineering, University at Buffalo, Buffalo, NY.
- [T04] **Roussis, P.C.** and Constantinou, M.C. (2004), “Earthquake simulator testing of five-story structure with viscous damping system,” *Technical Report UB/CSEE/SEESL-2004-03*, Department of Civil, Structural and Environmental Engineering, University at Buffalo, Buffalo, NY.
- [T03] **Roussis, P.C.** (2003), “Experimental and analytical study of seismically isolated structures with uplift prevention,” *MCEER Student Research Accomplishments 2002-2003*, pp.31-36.
- [T02] **Roussis, P.C.**, Constantinou, M.C., Erdik, M., Durukal, E., and Dicleli, M. (2002), “Assessment of performance of Bolu Viaduct in the 1999 Duzce earthquake in Turkey,” *Technical Report MCEER-02-0001*, Multidisciplinary Center for Earthquake Engineering Research, Buffalo, NY.
- [T01] **Roussis, P.C.** (2002), “Assessment of performance of Bolu Viaduct in the 1999 Duzce earthquake,” *MCEER Student Research Accomplishments 2001-2002*, pp.23-28.