

RESUME
DIMITRI E. BESKOS

PERSONAL RECORD

Date and Place of Birth: January 26, 1946, Athens, Greece
Address: Professor Dimitri E. Beskos, Department of Civil Engineering, University of Patras,
GR-265 00 Patras, Greece
Marital Status: Married; 3 Children
Phones & Fax : Patras, Greece
office : Tel. +30.2610. 996 559, Fax. +30.2610. 996 579
home : Tel. +30.2610. 432 578
E-mail : d.e.beskos@upatras.gr

AREAS OF SPECIALIZATION

Structural Engineering (Computerized Structural Analysis and Design, Structural Dynamics, Earthquake Engineering, Structural Stability, Steel Structures).

Numerical Methods (Boundary Elements, Finite Elements, and Finite Differences Applied to Structural, Geotechnical, Transportation and Fluids Engineering Systems).

Applied Mechanics (Continuum Mechanics, Mechanics of Materials, Wave Propagation, Flow Through Porous Media).

DEGREES

1. Diploma in Civil Engineering, June 1969, National Technical University of Athens(NTUA), Athens, Greece.
2. M.S. in Solid Mechanics, December 1971, Cornell University, Ithaca, N.Y., (Advisor: C.M. Dafermos).
3. Ph.D. in Structural Dynamics, January 1974, Cornell University, Ithaca, N.Y., (Advisor: B.A. Boley).

ACADEMIC HISTORY

1. Teaching Assistant, (1970-1973), Department of Theoretical and Applied Mechanics, Cornell University, Ithaca, N.Y., 14853.
2. Instructor, (1973-1974), Department of Theoretical and Applied Mechanics, Cornell University, Ithaca, N.Y., 14853.
3. Assistant Professor, (1974-1979), Department of Civil and Mineral Engineering, University of Minnesota, Minneapolis, MN 55455.
4. Associate Professor, (1979-1983), Department of Civil and Mineral Engineering, University of Minnesota, Minneapolis, MN, 55455.
5. Professor, (1981-present), Chair of Structural Synthesis II (Chair system abolished in Greece after 1982), Department of Civil Engineering, University of Patras, Patras 26500, Greece.
6. Visiting Professor, (1983-1984), Department of Civil and Mineral Engineering, University of Minnesota, Minneapolis, MN 55455.
7. Visiting Professor, (1985), Department of Civil Engineering, Colorado State University, Fort Collins, CO 80523.
8. Director, (1982-83 , 1986-88, 1989-91, 1992-97), Structural Engineering Division, Department of Civil Engineering, University of Patras, Patras 26500, Greece.
9. Visiting Scientist (1987), Applied Mechanics Division, Ispra Establishment, Joint Research Center of the Commission of the European Communities, 21020 Ispra (Varese) Italy.
10. Visiting Professor (1989), Department of Civil and Mineral Engineering, University of Minnesota, Minneapolis, MN 55455.

HONOURS – DISTINCTIONS

1. Rank first among the admitted candidates in the School of Civil Engineering of the NTUA during the General University Entrance Examinations, 1964, in Greece.
2. National Foundation Scholarship during all five undergraduate years (1964-69), in Greece.
3. John McMullen Graduate Fellowship 1969-70, Cornell University.
4. Reviewer of the National Science Foundation (NSF), other U.S.Federal Agencies, the Greek Secretariat of Research and Technology, the Directorate for Science, Research and Development of the European Communities (Union), the NATO Scientific Affairs Division, the Research Grants Council of Hong Kong, etc.

5. Member of International Panels for evaluation of the research programs of a) the Institute of Construction and Architecture of the Slovak Academy of Sciences (2007) and b) the Civil Engineering Department of the Catholic University of Leuven, Belgium (2011).
6. Member of the Electronic Computation Committee (Subcommittee on Automated Analysis and Design) of the Structural Division of ASCE, (1980-1988).
7. Member of the Administrative Council of the European Center on the Prevention and Forecasting of Earthquakes, Athens, Greece (1989-1992).
8. Member of the Congress Committee of the International Union of Theoretical and Applied Mechanics (IUTAM) (2002-2010).
9. Fellow of the American Society of Civil Engineers (ASCE)
10. Fellow of the Wessex Institute of Technology of Great Britain.
11. Fellow of the International Association for Computational Mechanics.
12. Fellow of the New York Academy of Sciences.
13. Member of the European Academy of Sciences and Arts.
14. Member of the Academia Europaea.
15. Corresponding Member of the Academy of Athens: Chair of Computational Mechanics.
16. E. Reissner Medal of 2003 by ICCES for sustained and outstanding contributions to the development of BEMs.
17. P.S. Theocaris award of 2007 for the best paper in Applied Mechanics during 2004-2007 by the Academy of Athens (No 140, page 14, co-authored with G.Karlis, S.V.Tsinopoulos and D.Polyzos).
18. Lifetime Achievement Medal of 2011 by ICCES for sustained and significant contributions in research, teaching and service to the community in the areas of Boundary Element Methods and Structural Dynamics.
19. Editor of Journals
 - i) Co-Editor-in-Chief of "Soil Dynamics and Earthquake Engineering" (Elsevier).
 - ii) Associate Editor of "Computational Mechanics" (Springer – Verlag) for 23 years (1986-2009), Applied Mechanics Reviews (ASME) for 9 years (1999-2008) and Co-Editor of Boundary Elements Communications" (Wessex Institute of Technology Press) for 12 years (1990-2002).
 - iii) Editorial Board Member of "International Journal for Numerical Methods in Engineering (John Wiley & Sons), "Engineering Analysis with Boundary Elements (Elsevier), "European Journal of Mechanics, A/Solids" (Elsevier), "International Journal of Computers and Structures" (Elsevier), "Computer Modeling in Engineering and Sciences" (Tech Science Press), "International Journal of Computational Engineering Science (Taylor & Francis Press), "Acta Mechanica Solida Sinica" (Elsevier), "Facta Universitatis – Architecture and Civil Engineering" (University of Nis, Serbia) , Journal of the Serbian Society for Computational Mechanics (Kragujevac, Serbia).
20. Editor of Book Series
 - i) Co-Editor of the International Book Series on "Advances in Earthquake Engineering" of Computational Mechanics Publications.
 - ii) Editorial Board Member of "International Series on Computational Engineering Books" of Computational Mechanics Publications and Elsevier Applied Science
21. Reviewer of Journals and Books
 - i) Reviewer of Journals: Applied Mechanics Reviews, Mechanics Research Communications, Journal of the Structural Division of ASCE, Journal of Applied Mechanics of ASME, International Journal for Numerical Methods in Engineering, Shock and Vibration Digest, Earthquake Engineering and Structural Dynamics, Finite Elements in Analysis and Design, Engineering Analysis (with Boundary Elements), Journal of Engineering Mechanics of ASCE, Computational Mechanics, SIAM Journal on Applied Mathematics, International Journal for Numerical and Analytical Methods in Geomechanics, International Journal of Solids and Structures, Journal of Sound and Vibration, Soil Dynamics and Earthquake Engineering, Journal of Applied Mathematics and Physics (ZAMP), Journal of Intelligent Material Systems and Structures, Philosophical Magazine Letters.
 - ii) Reviewer of numerous books published by international publishing houses
22. Invited Lecturer and Member of the Scientific Committee of numerous International Conferences.
23. Member of the Bureau of Theoretical and Applied Mechanics of the Academy of Athens.
24. Volume honoring Professor D.E. Beskos entitled "Recent Advances in Boundary Element Methods", Edited by G.D. Manolis and D. Polyzos and published by Springer, Berlin 2009.
25. Citations (2012): Scopus: 2061, h=24; Google scholar: 4438, h=33; Web of science: 2908, h=28.

ADMINISTRATIVE POSITIONS

1. Director, Structural Engineering Division, (12 faculty members), Department of Civil Engineering, University of Patras, Patras, Greece, (1982-83, 1986-88, 1989-91, 1992-1999, total 12 years).
2. Member of the Executive Council of the Committee of Research, University of Patras, Greece (1995-2004)
3. Associate Head, Department of Civil Engineering, University of Patras, Patras, Greece (2003-2007).
4. Head, Department of Civil Engineering, University of Patras, Patras, Greece (2011-2013).

5. Member, Administrative Council of the European Center on the Prevention and Forecasting of Earthquakes, Athens, Greece (1989-1992, total 3 years).
6. Member, Governing Board of the "Patras Science Park" (1991-1994, total 3 years).
7. National Representative of Greece for BRITE/EURAM Program in Aeronautics of the EC (1990-1992, total 2 years).
8. Member of the Greek National Council of Research (1990-1992, total 2 years).
9. Member of the Technical Council of the Academy of Athens (2010-present). Substitute Member since 2000.
10. Academic Coordinator of the Earthquake Engineering Graduate Program of the Greek Open University, Patras (2003-present).
11. Substitute Member of the Executive Council of the Hellenic Organization for Aseismic Design and Protection (OASP), Athens, Greece (2005-2009).

ORGANIZATION OF CONFERENCES

1. Session Organizer and Organizing Committee Member in National and International Conferences on Structural Engineering and Applied Mechanics in USA, Europe and Japan.
2. Chairman of Organizing Committee of International Symposium on Dynamic Soil-Structure Interaction, University of Minnesota, Minneapolis, MN, September 4-5, 1984.
3. Chairman of Organizing Committee of International Workshop on Dynamic Soil-Structure Interaction, University of Minnesota, Minneapolis, MN, September 6-7, 1984.
4. Vice-Chairman of Organizing Committee of International Symposium on Engineering Applications of New Composites, University of Patras, Patras, Greece, August 25-29, 1986.
5. Co-Chairman of Organizing Committee of International Conference on Computational Engineering Science, Patras, Greece, April 21-25, 1991, rescheduled for Melbourne, Australia, August 11-16, 1991.
6. Vice-Chairman of Organizing Committee of the Symposium Honouring B.A. Boley on the Occasion of his 65th Birthday during the ASME Winter Annual Meeting, Georgia, USA, December 1-6, 1991.
7. Chairman of Organizing Committee of 1st National Congress on Computational Mechanics, Athens, Greece, September 3-4, 1992.
8. Co-Chairman of Organizing Committee of the International Conference on Earthquake Resistant Engineering Structures, Thessaloniki, Greece, October 30 - November 1, 1996.
9. Co-Chairman of Organizing Committee of the 2nd National Congress on Computational Mechanics, Chania, Greece, June 26-28, 1996.
10. Co-Chairman of Organizing Committee of Boundary Element Methods – 23 (BEM-23) International Conference, Lemnos, Greece, May 7-9, 2001.
11. Coordinator of the advanced course "Recent Advances in Boundary Element Methods and their Solid Mechanics Applications", CISM (Centre International des Sciences Mecaniques), Udine, Italy, July 2 – 6, 2001.
12. Chairman of Organizing Committee of the 4th National Congress on Steel Structures, Patras, Greece, May 24 – 25, 2002.
13. Co-Chairman of Organizing Committee of ICCES 03 Conference, Corfu, Greece, July 25 – 29, 2003.
14. Co-Chairman of Organizing Committee of ERES V Conference, Skiathos, Greece, May 30-June 1, 2005.
15. Co-Chairman of Organizing Committee of 8th HSTAM International Congress on Mechanics, Patras, Greece, July 12 – 14, 2007.

SOCIETIES

1. Member of the Technical Chamber of Greece.
2. Member of the Greek Society of Civil Engineers.
3. Fellow of the American Society of Civil Engineers (ASCE).
4. Member of the American Academy of Mechanics (1980-1990).
5. Member of the Hellenic Society of Theoretical and Applied Mechanics-member of IUTAM (Secretary General 1990-2003 & President 2010-2013).
6. Member of the Metal Structures Research Society of Greece (President: 2000-2003).
7. Member of the International Association of Computational Mechanics -IACM (Member of General Council).
8. Member of the International Association for Boundary Element Methods -IABEM (Past Vice President).
9. Member of Scientific Steering Committee of the International Society for Boundary Elements (ISBE).
10. Member of the Greek Association of Computational Mechanics - member of IACM.(Founder and First President: 1991-1996).

11. Member of the Greek Association for Earthquake Engineering (ET.A.M.)

PRACTICAL EXPERIENCE

1. Assistant Engineer, Public Power Corporation (Design of Reinforced Concrete Structures), 25 Patission Str., Athens, Greece, Summer 1967.
2. Assistant Engineer, Rijksdienst voor de Ijsselmeer Polders (Soil Mechanics), 16 M. Van Coehoorsingel, Zwolle, Holland, Summer 1968.
3. License to practice in Civil Engineering in Greece, 1969.
4. Technical Consultant, Dexion Hellas S.A. (Steel Structures), 8 Hermou Str., Athens, Greece, Summers 1976, 1977, 1981.
5. License to Practice in Structural Engineering, State of Minnesota, 1979.
6. Technical Consultant, Brown-Minneapolis Tank Co., (Design of Steel Shell Structures), 2875 Hwy. 55, Eagan, MN 55121, Summer 1980.
7. Technical Consultant, CDC Professional Services Division, (Computerized Structural Analysis and Design), Minneapolis, MN 55440, Summer 1981.
8. Technical Consultant, Winzen Int., (Analysis and Design of Shell Structures), 9036 Grand Ave., S., Minneapolis, MN 55420, Summers 1981, 1982.
9. Technical Consultant, SEB Engineering Inc., (Computerized Structural Analysis and Design), 1529 McCarthy Rd., Eagan, MN 55121, 1983.
10. Technical Consultant, Public Power Corporation (Dynamic Soil-Structure Interaction in Hyperbolic Cooling Towers), 30 Aristotelous str., Athens, Greece, summer of 1990.
11. Technical Consultant, United Technologies Corporation, USBI Co., (New Hybrid Finite Element-Boundary Element Structural Analysis Program), Huntsville, Alabama 35807, USA, 1991-1993.
12. Technical Consultant (with Prof. S. Anagnostopoulos), Greek Ministry of Public Works (Preliminary Seismic Design of Rio-Antirio Bridge Pier), 158 Ch. Tricoupi Street, Athens, Greece, 1991-1992.
13. Technical Consultant, Public Power Corporation (Seismic Analysis of Platanovrissi Dam), 56-58 Agisilaou str., Athens, 1995.
14. Technical Consultant (with Prof. D. Karabalis), Center for Renewable Energy Sources (Seismic Design of the Tower of a Wind Turbine System), Pikermi, Attiki, Greece, 1997.
15. Technical Consultant (with Prof. N. Bazeos), Design of the main steel framed buildings of the Hellenic Open University, Campus, Patras, Greece, 2005.
16. Expert (with Profs. S. Anagnostopoulos and N. Makris) to investigate the failure of the space truss roof system in Akrotiri, island of Thira, Greece, 2005.
17. Technical Consultant (with Prof. N. Bazeos), Capacity assessment and rehabilitation study of the old steel bridge over the Evrotas river in Sparta, Greece, 2011.

INVITED LECTURES AT UNIVERSITIES AND RESEARCH CENTERS

1. Georgia Institute of Technology, School of Textile Engineering, Atlanta, Georgia, 1973.
2. Washington University, Department of Mechanical Engineering, St. Louis, Missouri, 1974.
3. McGill University, Department of Civil Engineering, Montreal, Canada, 1974.
4. Brown University, Division of Engineering, Providence, Rhode Island, 1974.
5. University of Minnesota, Department of Civil and Mineral Engineering, Minneapolis, Minnesota, 1974.
6. Cornell University, Department of Theoretical and Applied Mechanics, Ithaca, New York, 1976.
7. University of Illinois, Department of Theoretical and Applied Mechanics, Urbana, Illinois, 1979.
8. State University of New York at Buffalo, Department of Mechanical Engineering, Buffalo, New York, 1981.
9. University of Karlsruhe, Institute of Soil and Rock Mechanics, Karlsruhe, West Germany, 1983.
10. Northwestern University, Department of Civil Engineering, Evanston, Illinois, 1984.
11. Colorado State University, Department of Civil Engineering, Fort Collins, Colorado, 1985.
12. Georgia Institute of Technology, School of Civil Engineering, Atlanta, Georgia, 1986.
13. University of Rhode Island, Department of Civil and Environmental Engineering, Kingston, Rhode Island, 1986.
14. Kyoto University, School of Civil Engineering, Kyoto, Japan, 1986.
15. Technical University of Milan, Department of Structural Engineering, Milan, Italy, 1987.
16. Ispra Establishment, Joint Research Center of the CEC, Applied Mechanics Division, Ispra (Varese), Italy, 1987.
17. University of Minnesota, Department of Civil and Mineral Engineering, Minneapolis, Minnesota, 1988.

18. Carleton University, Department of Civil Engineering, Ottawa, 1988.
19. West Virginia University, Department of Civil Engineering, Morgantown, West Virginia, 1989.
20. Iowa State University, Department of Engineering Science and Mechanics, Ames, Iowa, 1989.
21. Tekniker (Technological Research Centre), Eibar (Bilbao), Spain, 1990.
22. University of South Carolina, Department of Civil Engineering, Columbia, South Carolina, 1991.
23. National Technical University of Athens, Department of Engineering Science, Athens, Greece, 1992.
24. University of South Carolina, Department of Civil Engineering, Columbia, South Carolina, 1995.
25. Ispra Establishment, Joint Research Center of the CEU, Structural Mechanics Unit, Ispra (Varese), Italy, 1996.
26. Technical University of Milan, Department of Structural Engineering, Milan, Italy, 1997.
27. Aristotle University of Thessaloniki, General Department, Thessaloniki, Greece, 1998.
28. Institute of Engineering Seismology and Earthquake Engineering, Thessaloniki, Greece, 1999.
29. Aristotle University of Thessaloniki, Department of Civil Engineering, Thessaloniki, Greece, 2004.
30. Bogazici University, Department of Earthquake Engineering, Istanbul, Turkey, 2005.
31. Ruhr-University at Bochum, Institute of Foundation Engineering, Bochum, Germany, 2006.
32. Tongji University, College of Civil Engineering, Shanghai, China, 2010.
33. Karlsruhe Institute of Technology, Institute of Soil Mechanics and Rock Mechanics, Karlsruhe, Germany, 2011.

FUNDED RESEARCH RECORD

A. At the University of Minnesota

1. NSF/CEE - 8024725 "Earthquake Response of Flexible Foundations", \$ 80000.00 for 2 years (1980-1982).
2. NSF/CEE - 8109723 "Isolation of Structures from Ground Transmitted Vibration by use of Wave Barriers" (with Prof. I. Vardoulakis), \$ 120000.00 for 2 years (1981-1983).
3. NSF/CEE - 8109723 "Large Scale Computations by the University of Minnesota Supercomputer" (with Prof. I. Vardoulakis), \$ 25000.00 for 2 years (1982-1983).
4. NSF/CEE-8210189 "Development of Advanced Continuum Traffic Flow Models" (with Prof. Michalopoulos), \$ 120000.00 for 2 years (1982-1984).
5. NSF/CEE-8409000 "International Workshop on Dynamic Soil-Structure Interaction" (with Prof. I. Vardoulakis), \$30000.00 for 1 year (1984).

NSF = National Science Foundation of USA.

B. At the University of Patras

1. GSRT/87 AK 33, "Tree-Dimensional Seismic Behavior of Underground Structures", \$ 50000.00 for 3 years (1987-1991).
2. Greek-German Bilateral Scientific Cooperation Program (between GSRT and Julich Research Center in Germany), "Seismic Waves and Applications" (with Prof. H. Antes of Germany), \$ 45000.00 for 5 years (1989-1993).
3. European Community (Region of Western Greece), "Seminars on Modern Methods of Analysis and Synthesis of Structures with Applications to Eurocodes", \$ 30000.00 for 1 year (1992).
4. Aseismic Planning and Protection Organization of Greece, "Inelastic Dynamic Soil-Structure Interaction with a Combination of Boundary and Finite Elements", \$ 40000.00 for 3 years (1993-1995).
5. Joint Research Centre of the European Union (International Program with P.R. China), "Seismic Analysis of Multiple Footings", \$ 40000.00 for 1 year (1993).
6. Collaborative Research Grants Program of NATO (USA-Greece), "Inelastic Dynamic Analysis of Soil-Structure Interaction" and "Inelastic Dynamic Analysis of Reissner Plates", \$ 12000.00 for 2 years (1993 and 1996).
7. GSRT/ 91 ED 386 "Use of Piles for Vibration Isolation of Structures", \$ 30000.00 for 2 years (1994-1995).
8. Public Power Corporation, "Seismic Analysis of the Platanovrissi Concrete Dam", \$ 15000.00 for 1 year (1995).
9. GSRT/95 PENED 1977, "Dynamic Stress Field Around Cracks in Inelastic Metallic Plates", \$ 35000.00 for 2 years (1996-1998).
10. GSRT/94 YPER 371, "Non-Linear Seismic Analysis of Tunnels in Rocks", \$ 50000.00 for 3 years (1996-1999).
11. Program for the Promotion of Interchanges and Scientific Cooperation between Greece and Germany "Analytical and Experimental Work on Gradient Elasticity" (with Prof. T. Triantafyllidis of Germany) 15000.00 Euros for 3 years (2003-2006).

12. GSRT/04 PYTHAGORAS, "Seismic Inelastic Response of Steel Frames by Spectral Analysis and Equivalent Damping", 85000.00 Euros for 3 years (2004-2007).
13. ERC Synergy Grant 2012, FP7 AOR, "Clustering formation and dynamics: engaging nature, lifelines and society", 78720.00 Euros for 4.5 years, pending.

GSRT = General Secretariat for Research and Technology of Greece.

Note : At the University of Patras the overhead is only 5%.

PUBLICATIONS IN GREEK

A. Books

1. D.E. BESKOS, Lessons of Metallic Structures, Part I, Patras University Press, Patras, 1993.
2. D.E. BESKOS, Lessons of Metallic Structures, Part II, Patras University Press, Patras, 1993.
3. D.E. BESKOS, Plastic Design of Steel Structures, Patras University Press, Patras, 1986.
4. D.E. BESKOS, Stability of Structures, Patras University Press, Patras, 1991.
5. D.E. BESKOS, Matrix Structural Analysis, Patras University Press, Patras, 2003.
6. D.E. BESKOS, Special Topics in Structural Dynamics and Earthquake Engineering, Greek Open University Press, Patras, 2003.
7. D.E. BESKOS and G.I. IOANNIDIS, Aseismic Design of Steel Structures, Greek Open University Press, Patras, 2003.
8. D.E. BESKOS, Manual of Study of the translated in Greek book Dynamics of Structures by R.W. Clough and J. Penzien, Greek Open University Press, Patras, 2003.

B. Chapters in Books

1. D.E. BESKOS, Seismic Design of Steel Structures, Chapter 5 (pp.124-154), in: Steel Structures 1, Greek Steelwork Research Society, Frame Publishing Co., Athens, 1985.
2. D.E. BESKOS, Effect of Soil-Structure Interaction on the Response of Structures with Reference to the Current Seismic Codes, Chapter 5 (pp. 106-126), in : Dynamics of Structures, Hellenic Society of Theoretical and Applied Mechanics, Frame Publishing Co., Athens 1987.

C. Papers in Journals

1. D.E. BESKOS, "Effect of axial force on vibrations of framed structures by using dynamic influence coefficients," Technica Chronica, V. 44, No. 1, pp.15-20 (1975).
2. D.E. BESKOS, "On the American seismic code of the SEAOC," Bulletin of the Greek Society of Civil Engineers, No.66, pp. 27-29, July-August (1975).
3. D.E. BESKOS, "Exact solutions of problems of non-linear elasticity," Technica Chronica, V. 47, No. 1, pp. 112-119 (1978).
4. D.E. BESKOS, "Static design of steel frames by an electronic computer," Technica Chronica, V. 47, No. 2, pp. 240-246 (1978).
5. D.E. BESKOS, Use of the finite element and boundary element methods for the analysis of monuments and special buildings, Bulletin of the Greek Society of Civil Engineers, Pt 1: No 216. pp.31-43 (1993).
6. D.E. BESKOS, Use of the finite element and boundary element methods for the analysis of monuments and special buildings, Bulletin of the Greek Society of Civil Engineers, pt2: No 217, pp. 15-32 (1994).
7. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "Analysis of seismic hazard for the islands of Cephalonia and Ithaca and need for installation of a recording network of strong seismic motions", Bulletin of the Greek Society of Civil Engineers, No 365, pp. 24-32 (2008).
8. D.E. BESKOS, "Modern computational methods in structural mechanics", Proceedings of the Academy of Athens, Vol. 85, A: Sciences, pp. 153-173 (2010).

D. Papers in Conference Proceedings

1. D.E. BESKOS, "Some applications of boundary elements in elastodynamics", pp. 77-84, in Proceedings of a Colloquium on Mechanics, Greek Union of Theoretical and Applied Mechanics, Athens Greece, September 30 - October 1, 1983.
2. D.E. BESKOS, "Design of members and connections of steel structures with a personal computer", pp. 306-318, in Proceedings of 1st National Conference on Steel Structures, A.N. Kounadis, Editor, Athens, Greece, 6-7 June 1991.
3. D.P.N. KONTONI and D.E. BESKOS, "Analysis and synthesis of plane steel frames and trusses by a personal computer", pp. 355-364, in Proceedings of 1st National Conference on Steel Structures, A.N. Kounadis, Editor, Athens, Greece, 6-7 June 1991.
4. A.A. STAMOS and D.E. BESKOS, "Dynamic soil – three-dimensional underground structure interaction", pp. 183-195, in Proceedings of 1st National Conference on Earthquake Engineering and Seismic Technology, Athens, Greece, 6-8 May 1992.
5. G.D. HATZIGEORGIU, I.D. HONDROS, C. KARAMANEAS, D.L. KARABALIS and D.E. BESKOS, "Static, seismic and stability analysis of 3rd National tower of a wind turbine of 450 kW", in Proceedings of 3rd National Conference on Steel Structures, K.T. Thomopoulos, C.K. Baniotopoulos and A.B. avdelas, Editors, October 30-31, 1998, Thessaloniki, Greece, pp. 221-228.
6. G.D. HATZIGEORGIU, D.E. BESKOS, D.D. THEODORAKOPOULOS and M. SFAKIANAKIS, "Static and dynamic, elastic and inelastic analysis of historical masonry structures", in Proceedings of 1st National Congress on Mild Interventions and Protection of Historical Structures, Thessaloniki, Greece, 23-25 November 2000, N.K. Hatzitrifou, Editor, Ministry of Culture / Technical Chamber of Greece, Thessaloniki, 2000, pp.423-436.
7. A.A. VASILOPOULOS and D.E. BESKOS, "Seismic analysis of plane steel frames on the basis of the damage theory", in Proceedings of 4th National Conference on Steel Structures, Patras, May 24 – 25, 2002, D.E. Beskos, D.L. Karabalis and A.N. Kounadis, Editors, Typorama, Patras, pp.656-664.
8. G.D. HATZIGEORGIU, D.E. BESKOS, D.D. THEODORAKOPOULOS and M. SFAKIANAKIS, "Static and dynamic analysis of the Arta bridge by finite elements", in Extra ordinary Machines and Structures in Antiquity, S.A. Paipetis, Editor, Peri Technon, Patras, 2005, pp. 177-187.
9. P.K. ASKOUNI, E.A. AGGELOPOULOU, M.G. SFAKIANAKIS and D.E. BESKOS, "Static and dynamic analysis of the tholos tomb of Atreus in Mycenae", in Proceedings of the International Symposium on Science and Technology in Homer's Epics, Ancient Olympia, 27-30 August 2006, S. Paipetis, Editor, Patras 2006, CD-ROM paper.
10. G.D. HATZIGEORGIU and D.E. BESKOS, "Dynamic analysis of concrete or masonry structures by modern computational methods", in Proceedings of 15th Concrete Conference, 25-27 October 2006, Alexandroupolis, Technical Chamber of Greece, 2006, CD-ROM paper.
11. G.D. HATZIGEORGIU and D.E. BESKOS, "Damage controlled design of concrete / masonry structures", in Proceedings of 15th Concrete Conference, 25-27 October 2006, Alexandroupolis, Technical Chamber of Greece, 2006, CD-ROM paper.
12. G. PAPAGIANNOPOULOS and D.E. BESKOS, "Modal strength reduction factors for the seismic design of steel structures", in CD-ROM Proceedings of 3rd Panhellenic Conference on Earthquake Engineering and Technical Seismology, 5-7 November 2008, Athens, Greece, G. Gazetas, Editor.

PUBLICATIONS IN ENGLISH

A. Theses

1. D.E. BESKOS, "Universal Solutions for Fiber-Reinforced Isotropic Elastic Materials", M.S. Thesis, Cornell University, Ithaca N.Y., USA, December 1971.
2. D.E. BESKOS, "Use of Dynamic Influence Coefficients in Vibration Problems", Ph.D. Thesis, Cornell University, Ithaca N.Y., USA, January 1974.

B. Books

1. D.E. BESKOS, T. KRAUTHAMMER and I.G. VARDOULAKIS, Editors, "Dynamic Soil-Structure Interaction", A.A. Balkema Publishers, Rotterdam, The Netherlands, 1984.

2. D.E. BESKOS, T. KRAUTHAMMER and I.G. VARDOULAKIS, Editors, Proceedings of the International Workshop on Dynamic Soil-Structure Interaction, University of Minnesota, Minneapolis, Minnesota, December 1985.
3. D.E. BESKOS, Editor, "Boundary Element Methods in Mechanics", North-Holland Publishing Co., Amsterdam, The Netherlands, 1987.
4. D.E. BESKOS, "Numerical Methods in Dynamic Fracture Mechanics", Report EUR 11300 EN, Joint Research Centre of E.C., Ispra Establishment, Ispra, Italy, October 1987.
5. G.D. MANOLIS and D.E. BESKOS, "Boundary Element Methods in Elastodynamics", Unwin Hyman Publishing Co., London, 1988 (translated into Chinese and published by Tianjin Science Press, Tianjin 1991).
6. D.E. BESKOS, Editor, "Boundary Element Methods in Structural Analysis", American Society of Civil Engineers, New York, 1989.
7. S.N. ATLURI, D.E. BESKOS, R. JONES and G. YAGAWA, Editors, "Computational Mechanics '91", ICES Publications, Atlanta, 1991.
8. D.E. BESKOS, Editor, "Boundary Element Analysis of Plates and Shells", Springer-Verlag, Berlin, 1991.
9. D.E. BESKOS and F. ZIEGLER, Editors, "Advances in Dynamic Systems and Stability", Springer-Verlag, Wien, 1992.
10. D.E. BESKOS et al, Editors, Proceedings of the 1st National Congress on Computational Mechanics, Patras University Press, Patras 1992.
11. D.A. SOTIROPOULOS and D.E. BESKOS, Editors, Proceedings of the 2nd National Congress on Computational Mechanics, Technical University of Crete, Chania, 1996.
12. G.D. MANOLIS, D.E. BESKOS AND C.A. BREBBIA, Editors, Proceedings of 1st International Conference on Earthquake Resistant Engineering Structures, ERES 1996, Thessaloniki, Greece, Computational Mechanics Publications, Southampton, 1996.
13. D.E. BESKOS and S.A. ANAGNOSTOPOULOS, Editors, Computer Analysis and Design of Earthquake Resistant Structures: A Handbook Computational Mechanics Publications, Southampton, 1997.
14. J.T. KATSIKADELIS, D.E. BESKOS and E.E. GDOUTOS, Editors, "Recent Advances in Applied Mechanics", Honorary Volume for Professor A.N. Kounadis, National Technical University of Athens, Greece, 2000.
15. D.E. BESKOS, D.L. KARABALIS and A.N. KOUNADIS, Editors, Proceedings of the 4th National Conference on Steel Structures, Typorama, Patras, 2002.
16. D.E. BESKOS and G. MAIER, Editors, Boundary Element Advances in Solid Mechanics, Springer-Verlag, Wien, 2003.
17. S.N. ATLURI, D.E. BESKOS and D. POLYZOS, Editors, Proceedings (in CD-ROM) of International Conference on Computational & Experimental Engineering & Sciences, ICCES 03, Corfu, Greece, 2003.
18. C.A. BREBBIA, D.E. BESKOS, G.D. MANOLIS and C.C. SPYRAKOS, Editors, Proceedings of 5th International Conference on Earthquake Resistant Engineering Structures, ERES 2005, Skiathos, Greece, WIT Press, 2005.
19. BAZEOS, D.L. KARABALIS, D. POLYZOS, D.E. BESKOS and J.T. KATSIKADELIS, Editors, Proceedings of 8th HSTAM international Congress on Mechanics, Patras, Greece, 2007.

C. Guest Edited Journal Issues

1. D.E. BESKOS, "Soil Dynamics and Dynamic Soil Structure Interaction", Special Issue Part 1 in "Engineering Analysis with Boundary Elements" Journal, V. 8, No. 3, 1991.
2. D.E. BESKOS, "Soil Dynamics and Dynamic Soil Structure Interaction", Special Issue Part 2 in "Engineering Analysis with Boundary Elements" Journal, V. 8, No. 4, 1991.
3. D.E. BESKOS, "Plasticity", Special Issue in "Engineering Analysis with Boundary Elements" Journal, V.14 , No. 1 , 1994.
4. D.E. BESKOS and D. SOTIROPOULOS, "Greek National Congress on Computational Mechanics", Special Issue in "Computational Mechanics" Journal, V. 21, No 4/5, 1998.

D. Chapters in Books

1. D.E. BESKOS, Introduction to Boundary Element Methods, Chapter 1 (pp. 1-21), in: Boundary Element Methods in Mechanics, D.E. Beskos, Editor, North-Holland Publishing Co., Amsterdam, The Netherlands, 1987.
2. D.E. BESKOS, Potential Theory, Chapter 2 (pp. 23-106), in: Boundary Element Methods in Mechanics, D.E. Beskos, Editor, North-Holland Publishing Co., Amsterdam, The Netherlands, 1987.
3. D.L. KARABALIS and D.E. BESKOS, Dynamic Soil-Structure Interaction, Chapter 11 (pp. 499-562), in: Boundary Element Methods in Mechanics, D.E. Beskos, Editor, North-Holland Publishing Co., Amsterdam, The Netherlands, 1987.

4. I.G. VARDOULAKIS and D.E. BESKOS, Dynamic Consolidation of Nearly Saturated Granular Media, Chapter 5 (pp. 167-208), in: Developments in Soil Mechanics and Foundation Engineering, Vol.3, Dynamic Behaviour of Foundations and Buried Structures, P.K. Banerjee, and R. Butterfield, Editors, Elsevier Applied Science, London, 1987.
5. D.L. KARABALIS and D.E. BESKOS, Three-Dimensional Soil-Structure Interaction by Boundary Element Methods, Chapter 1 (pp. 1-26), in: Topics in Boundary Element Research, Vol. 4, Applications in Geomechanics, C.A. Brebbia, Editor, Springer-Verlag, Berlin, 1987.
6. D.E. BESKOS, Dynamic Analysis of Beams, Plates and Shells, Chapter 6 (pp. 139-161), in: Boundary Element Methods in Structural Analysis, D.E. Beskos, Editor, ASCE, New York, 1989.
7. D.E. BESKOS, Present Status and Future Developments, Chapter 12 (pp. 337-341), in: Boundary Element Methods in Structural Analysis, D.E. Beskos, Editor, ASCE, New York, 1989.
8. D.E. BESKOS, Dynamic Analysis of Plates and Shallow Shells by the D/BEM, Chapter 8 (pp. 177-196), in: Advances in the Theory of Plates and Shells, G.Z. Voyiadjis and D. Karamanlidis, Editors, Elsevier, Amsterdam, 1990.
9. D.E. BESKOS, Dynamic Analysis of Plates, Chapter 2 (pp. 35-92), in: Boundary Element Analysis of Plates and Shells, D.E. Beskos, Editor, Springer-Verlag, Berlin, 1991.
10. D.E. BESKOS, Static and Dynamic Analysis of Shells, Chapter 3 (pp.93-140), in: Boundary Element Analysis of Plates and Shells, D.E. Beskos, Editor, Springer-Verlag, Berlin, 1991.
11. D.E. BESKOS, Applications of the Boundary Element Method in Dynamic Soil-Structure Interaction, Chapter 4 (pp. 61-90), in: Developments in Dynamic Soil-Structure Interaction, P. Gulkan and R.W. Clough, Editors, Kluwer Academic Publishers, Dordrecht, 1993.
12. G.D. MANOLIS, T.G. DAVIES and D.E. BESKOS, Overview of Boundary Element Techniques in Geomechanics, Chapter 1 (pp. 1-35), in: Boundary Element Techniques in Geomechanics, G.D. Manolis and T.G. Davies, Editors, Computational Mechanics Publications, Southampton, 1993.
13. D.E. BESKOS, Wave Propagation Through Ground, Chapter 11 (pp.359-406), in: Boundary Element Techniques in Geomechanics, G.D. Manolis and T.G. Davies, Editors, Computational Mechanics Publications, Southampton, 1993.
14. D.L. KARABALIS and D.E. BESKOS, Numerical Methods in Earthquake Engineering, Chapter 1 (pp. 1-102) in: Computer Analysis and Design of Earthquake Resistant Structures, D.E. Beskos and S.A. Anagnostopoulos, Editors, Computational Mechanics Publications, Southampton, 1997.
15. G.D. MANOLIS and D.E. BESKOS, Underground and Lifeline Structures, Chapter 16 (pp. 775-837) in: Computer Analysis and Design of Earthquake Resistant Structures, D.E. Beskos and S.A. Anagnostopoulos, Editors, Computational Mechanics Publications, Southampton, 1997.
16. D.E. BESKOS, Dynamic analysis of structures and structural systems, Chapter 1 (pp. 1-50) in: Boundary Element Advances in Solid Mechanics, D.E. Beskos and G. Maier, Editors, Springer-Verlag, Wien, 2003.
17. G.A. PAPAGIANNPOULOS and D.E. BESKOS, "The equivalent modal damping concept and its use in seismic design of building structures", Chapter 26 (pp. 401-411) in Computational Structural Dynamics and Earthquake Engineering, M. Papadrakakis, D.C. Charmpis, N.D. Lagaros and Y. Tsompanakis, Editors, CRC Press of Taylor & Francis Group, Boca Raton, 2009.
18. G.A. PAPAGIANNPOULOS and D.E. BESKOS, "Seismic design of steel structures using modal strength reduction (behavior) factors", pp. 309-317 in Advances in Performance – Based Earthquake Engineering, M.N. Fardis, Editor, Springer, Berlin, 2010.
19. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "A new seismic design method for steel structures", pp. 161-171 in Advances in Performance – Based Earthquake Engineering, M.N. Fardis, Editor, Springer, Berlin, 2010.
20. E.J. SELLOUNTOS, S.V. TSINOPOULOS, D. POLYZOS and D.E. BESKOS, "A hybrid BEM/LBIE scheme for solving 2-D elastodynamic problems" pp. 185-197 in Recent Developments in Boundary Element Methods: A Volume to Honour J.T. Katsikadelis, E.J. Sapountzakis, Editor, WIT Press, Southampton, 2010.

E. Papers in Refereed Journals

1. D.E. BESKOS, "Universal solutions for fiber-reinforced compressible isotropic elastic materials," Journal of Elasticity, V. 2, pp. 153-168 (1972).
2. D.E. BESKOS, "Universal solutions for fiber-reinforced incompressible isotropic elastic materials," International Journal of Solids and Structures, V. 9, pp. 553-567 (1973).
3. D.E. BESKOS, "Fracture of plain concrete under biaxial stresses," Cement and Concrete Research, V. 4, pp. 979-985 (1974).
4. Y.C. WAUNG, D.E. BESKOS and W.H. SACHSE, "Ultrasonic velocity measurement of elastic constants of Al-CuAl₂ eutectic composite," Journal of Materials Science, V. 10, pp. 109-112 (1975).
5. D.E. BESKOS and J.T. JENKINS, "A mechanical model for mammalian tendon," Journal of Applied Mechanics, V. 42, pp. 755-758 (1975).

6. D.E. BESKOS and B.A. BOLEY, "Use of dynamic influence coefficients in forced vibration problems with the aid of Laplace transform," *Computers and Structures*, V. 5, pp. 263-269 (1975).
7. D.E. BESKOS, A reply to K. Rajagopalan's discussion on "Fracture of plain concrete under biaxial stresses," *Cement and Concrete Research*, V. 5, p. 527 (1975).
8. E.C. AIFANTIS and D.E. BESKOS, "Dynamic universal solutions for fiber-reinforced incompressible isotropic elastic materials," *Journal of Elasticity*, V. 6, pp. 1-15 (1976).
9. D.E. BESKOS, "The lumping mass effect on frequencies of beam-columns," *Journal of Sound and Vibration*, V. 47, pp. 139-142 (1976).
10. A. AVAKIAN and D.E. BESKOS, "Use of dynamic stiffness influence coefficients in vibrations of non-uniform beams," *Journal of Sound and Vibration*, V. 47, pp. 292-295 (1976).
11. D.E. BESKOS, "The effect of damping on the vibration-stability relation of linear systems," *Mechanics Research Communications*, V. 3, pp. 373-377 (1976).
12. D.E. BESKOS and B.A. BOLEY, "The Gauss-Seidel convergence criterion for elastic structural stability," *Mechanics Research Communications*, V. 3, pp. 457-462 (1976).
13. E.C. AIFANTIS and D.E. BESKOS, "Inflation, bending, extension and azimuthal shearing of a fiber-reinforced elastic sector of a circular tube," *Acta Mechanica*, V. 26, pp. 159-170 (1977).
14. E.C. AIFANTIS, W.W. GERBERICH and D.E. BESKOS, "Diffusion equations for a mixture of an elastic solid and an elastic fluid," *Archives of Mechanics*, V. 29, pp. 339-353 (1977).
15. E.C. AIFANTIS, D.E. BESKOS and W.W. GERBERICH, "Diffusion in dislocation fields," *Archives of Mechanics*, V. 29, pp. 723-740 (1977).
16. D.E. BESKOS, "Framework stability by finite element method," *Journal of the Structural Division of ASCE*, V. 103, ST 11, pp. 2273-2276 (1977).
17. G.V. NARAYANAN and D.E. BESKOS, "Use of dynamic influence coefficients in forced vibration problems with the aid of fast Fourier transform," *Computers and Structures*, V. 9, pp. 145-150 (1978).
18. G.D. MANOLIS and D.E. BESKOS, "Plastic design aids for pinned-base gabled frames," *Engineering Journal of AISC*, V. 16, pp. 1-10 (1979).
19. D.S. KAMDAR and D.E. BESKOS, "Numerical methods for structural stability analysis," *Computer Methods in Applied Mechanics and Engineering*, V. 19, pp. 205-222 (1979).
20. D.E. BESKOS, "Dynamics and stability of plane trusses with gusset plates," *Computers and Structures*, V. 10, pp. 758-795 (1979).
21. G.D. MANOLIS and D.E. BESKOS, "Thermally induced vibrations of beam structures," *Computer Methods in Applied Mechanics and Engineering*, V. 21, pp. 337-355 (1980).
22. E.C. AIFANTIS and D.E. BESKOS, "Heat extraction from hot dry rocks," *Mechanics Research Communications*, V. 7, pp. 165-170 (1980).
23. D.E. BESKOS and B.A. BOLEY, "Critical damping in linear discrete dynamic systems," *Journal of Applied Mechanics*, V. 47, pp. 627-630 (1980).
24. G.D. MANOLIS and D.E. BESKOS, "Dynamic stress concentration studies by boundary integrals and Laplace transform," *International Journal for Numerical Methods in Engineering*, V. 17, pp. 573-599 (1981).
25. D.E. BESKOS and J.B. OATES, "Dynamic analysis of ring-stiffened circular cylindrical shells," *Journal of Sound and Vibration*, V. 75, pp. 1-15 (1981).
26. D.E. BESKOS and B.A. BOLEY, "Critical damping in certain linear continuous dynamic systems," *International Journal of Solids and Structures*, V. 17, pp. 575-588 (1981).
27. W.D. RUTLEDGE and D.E. BESKOS, "Dynamic analysis of linearly tapered beams," *Journal of Sound and Vibration*, V. 79, pp. 457-462 (1981).
28. G.V. NARAYANAN and D.E. BESKOS, "Dynamic soil-structure interaction by numerical Laplace transform," *Engineering Structures*, V. 4, pp. 53-62 (1982).
29. G.D. MANOLIS and D.E. BESKOS, "Dynamic response of framed underground structures," *Computers and Structures*, V. 15, pp. 521-531 (1982).
30. C.C. SPYRAKOS and D.E. BESKOS, "Dynamic response of frameworks by fast Fourier transform," *Computers and Structures*, V. 15, pp. 495-505 (1982).
31. G.V. NARAYANAN and D.E. BESKOS, "Numerical operational methods for time-dependent linear problems," *International Journal for Numerical Methods in Engineering*, V. 18, pp. 1829-1854 (1982).
32. D.L. KARABALIS and D.E. BESKOS, "Static, dynamic and stability analysis of structures composed of tapered beams," *Computers and Structures*, V. 16, pp. 731-748 (1983).
33. D.E. BESKOS and G.V. NARAYANAN, "Dynamic response of frameworks by numerical Laplace transform," *Computer Methods in Applied Mechanics and Engineering*, V. 37, pp. 289-307 (1983).
34. G.D. MANOLIS and D.E. BESKOS, "Internal force distribution effect on framework stability," *Journal of the Structural Division of ASCE*, V. 109, ST 1, pp. 250-257 (1983).
35. G.D. MANOLIS and D.E. BESKOS, "Dynamic response of lined tunnels by an isoparametric boundary element method," *Computer Methods in Applied Mechanics and Engineering*, V. 36, pp. 291-307 (1983).

36. M.Y. KHALED, D.E. BESKOS and E.C. AIFANTIS, "On the theory of consolidation with double porosity - III: A finite element formulation," *International Journal for Numerical and Analytical Methods in Geomechanics*, V. 8, pp. 101-123 (1984).
37. D.E. BESKOS, I. OKUTANI and P.G. MICHALOPOULOS, "Testing of dynamic models for signal controlled intersections," *Transportation Research - B*, V. 18B, pp. 397-408 (1984).
38. D.L. KARABALIS and D.E. BESKOS, "Dynamic response of 3-D rigid surface foundations by time domain boundary element method," *Earthquake Engineering and Structural Dynamics*, V. 12, pp. 73-93 (1984).
39. D.E. BESKOS and A.Y. MICHAEL, "Solution of plane transient elastodynamic problems by finite elements and Laplace transform," *Computers and Structures*, V. 18, pp. 695-701 (1984).
40. P.G. MICHALOPOULOS, D.E. BESKOS and J. LIN, "Analysis of interrupted traffic flow by finite difference methods," *Transportation Research - B*, V. 18B, pp. 409-421 (1984).
41. P.G. MICHALOPOULOS, D.E. BESKOS and Y. YAMAUCHI, "Multilane traffic flow dynamics: Some macroscopic considerations," *Transportation Research - B*, V. 18B, pp. 377-395 (1984).
42. D.E. BESKOS and K.L. LEUNG, "Dynamic analysis of plate systems by combining finite differences, finite elements and Laplace transform," *Computers and Structures*, V. 19, pp. 763-775 (1984).
43. D.E. BESKOS and P.G. MICHALOPOULOS, "An application of the finite element method in traffic signal analysis," *Mechanics Research Communications*, V. 11, pp. 185-189 (1984).
44. D.E. BESKOS, P.G. MICHALOPOULOS and J.K. LIN, "Analysis of traffic flow by the finite element method," *Applied Mathematical Modelling*, V. 9, pp. 358-364 (1985).
45. D.L. KARABALIS and D.E. BESKOS, "Dynamic response of 3-D flexible foundations by time domain BEM and FEM," *Soil Dynamics and Earthquake Engineering*, V. 4, pp. 91-101 (1985).
46. G.D. MANOLIS, D.E. BESKOS and B.J. BRAND, "Elastoplastic analysis and design of gabled frames," *Computers and Structures*, V. 22, pp. 693-697 (1986).
47. C.C. SPYRAKOS and D.E. BESKOS, "Dynamic response of rigid strip foundations by time domain boundary element method," *International Journal for Numerical Methods in Engineering*, V.23, pp. 1547-1565 (1986).
48. I.G. VARDOULAKIS and D.E. BESKOS, "Dynamic behavior of nearly saturated porous media," *Mechanics of Materials*, V. 5, pp. 87-108 (1986).
49. D.E. BESKOS, B. DASGUPTA and I.G. VARDOULAKIS, "Vibration isolation using open or filled trenches. Part I: 2-D Homogeneous soil," *Computational Mechanics*, V. 1, pp. 43-63 (1986).
50. G.D. MANOLIS, D.E. BESKOS and M.F. PINEROS, "Beam and plate stability by boundary elements," *Computers and Structures*, V. 22, pp. 917-923 (1986).
51. D.L. KARABALIS and D.E. BESKOS, "Dynamic response of 3-D embedded foundations by the boundary element method," *Computer Methods in Applied Mechanics and Engineering*, V. 56, pp. 91-120 (1986).
52. C.C. SPYRAKOS and D.E. BESKOS, "Dynamic response of flexible strip foundations by boundary and finite elements," *Soil Dynamics and Earthquake Engineering*, V. 5, pp. 84-96 (1986).
53. C.P. PROVIDAKIS and D.E. BESKOS, "Dynamic analysis of beams by the boundary element method," *Computers and Structures*, V. 22, pp. 957-964 (1986).
54. I. OKUTANI, D.E. BESKOS and P.G. MICHALOPOULOS, "Finite element analysis of freeway dynamics," *Engineering Analysis*, V. 3, pp. 85-92 (1986).
55. D.E. BESKOS and E.C. AIFANTIS, "On the theory of consolidation with double porosity - II," *International Journal of Engineering Science*, V. 24, pp. 1697-1716 (1986).
56. D.E. BESKOS, "Boundary Element Methods in Dynamic Analysis," *Applied Mechanics Reviews*, V. 40, pp. 1-23 (1987).
57. D.P.N. KONTONI, D.E. BESKOS and G.D. MANOLIS, "Uniform half-plane elastodynamic problems by an approximate boundary element method," *Soil Dynamics and Earthquake Engineering*, V. 6, pp. 227-238 (1987).
58. I.G. VARDOULAKIS, D.E. BESKOS, K.L. LEUNG, B. DASGUPTA and R.L. STERLING, "Computation of vibration levels in underground space," *International Journal of Rock Mechanics and Mining Sciences & Geomechanics Abstracts*, V. 24, pp. 291-298 (1987).
59. P.G. MICHALOPOULOS, J. LIN and D.E. BESKOS, "Integrated modelling and numerical treatment of freeway flow," *Applied Mathematical Modelling*, V. 11, pp. 447-457 (1987).
60. D.P.N. KONTONI and D.E. BESKOS, "Boundary element formulation for dynamic analysis of nonlinear systems," *Engineering Analysis*, Vol. 5, pp. 114-125, (1988).
61. G.D. MANOLIS and D.E. BESKOS, "Integral equation formulation and fundamental solutions of dynamic poroelasticity and thermoelasticity," *Acta Mechanica*, V. 76, pp. 89-104 (1989).
62. D.E. BESKOS, "Dynamics of saturated rocks-I: equations of motion," *Journal of Engineering Mechanics of ASCE*, V. 115, pp. 982-995 (1989).
63. D.E. BESKOS, I. VGENOPOULOU and C.P. PROVIDAKIS, "Dynamics of saturated rocks II: body waves," *Journal of Engineering Mechanics of ASCE*, V. 115, pp. 996-1016 (1989).
64. D.E. BESKOS, C.N. PAPADAKIS and H.S. WOO, "Dynamics of saturated rocks-III: Rayleigh waves," *Journal of Engineering Mechanics of ASCE*, V. 115, pp. 1017-1034 (1989).

65. C.P. PROVIDAKIS and D.E. BESKOS, "Free and forced vibrations of plates by boundary and interior elements," *International Journal for Numerical Methods in Engineering*, V. 28, pp. 1977-1994 (1989).
66. C.P. PROVIDAKIS and D.E. BESKOS, "Free and forced vibrations of plates by boundary elements," *Computer Methods in Applied Mechanics and Engineering*, V. 74, pp. 231-250 (1989).
67. D.L. KARABALIS and D.E. BESKOS, "Discussion on the paper - Time domain transient elastodynamic analysis of 3-D solids by BEM," *International Journal for Numerical Methods in Engineering*, V.29, pp. 211-215 (1990).
68. G.D. MANOLIS and D.E. BESKOS, Errata in "Integral formulation and fundamental solutions of dynamic poroelasticity and thermoelasticity", *Acta Mechanica*, V. 83, pp. 223-226 (1990).
69. I. VGENOPOULOU, D.E. BESKOS and I.G. VARDOULAKIS, "High frequency wave propagation in nearly saturated porous media," *Acta Mechanica*, V. 85, pp. 115-123 (1990).
70. B. DASGUPTA, D.E. BESKOS and I.G. VARDOULAKIS, "Vibration isolation using open or filled trenches. Part 2: 3-D Homogeneous soil," *Computational Mechanics*, V. 6, pp. 129-142 (1990).
71. K.L. LEUNG, D.E. BESKOS and I.G. VARDOULAKIS, "Vibration isolation using open or filled trenches. Part 3: 2-D Non-homogeneous soil," *Computational Mechanics*, V. 7, pp. 137-148 (1990).
72. K.L. LEUNG, I.G. VARDOULAKIS, D.E. BESKOS and J.L. TASSOULAS, "Vibration isolation by trenches in continuously nonhomogeneous soil by the BEM," *Soil Dynamics and Earthquake Engineering*, V. 10, pp. 172-179 (1991).
73. A.H.D. CHENG, T. BADMUS and D.E. BESKOS, "Integral equation for dynamic poroelasticity in frequency domain with boundary element solution", *Journal of Engineering Mechanics of ASCE*, V. 117, pp. 1136-1157 (1991).
74. O.VON ESTORFF, A.A. STAMOS, H. ANTES and D.E. BESKOS, "Dynamic interaction effects in underground traffic systems", *Engineering Analysis with Boundary Elements*, V. 8, pp. 167-175 (1991).
75. C.P. PROVIDAKIS and D.E. BESKOS, "Free and forced vibrations of shallow shells by boundary and interior elements," *Computer Methods in Applied Mechanics and Engineering*, V. 92, pp. 55-74 (1991).
76. I. VGENOPOULOU and D.E. BESKOS, "Dynamic poroelastic soil column and borehole problem analysis", *Soil Dynamics and Earthquake Engineering*, V.11, pp. 335-345 (1992).
77. I. VGENOPOULOU and D.E. BESKOS, "Dynamics of saturated rocks. IV: column and borehole problems", *Journal of Engineering Mechanics of ASCE*, V. 118, pp. 1795-1813 (1992).
78. I. VGENOPOULOU and D.E. BESKOS, "Dynamic behavior of saturated poroviscoelastic media", *Acta Mechanica*, V. 95, pp. 185-195 (1992).
79. D.P.N. KONTONI and D.E. BESKOS, "Transient dynamic elastoplastic analysis by the dual reciprocity BEM", *Engineering Analysis with Boundary Elements*, V. 12, p.p. 1-16 (1993).
80. C.P. PROVIDAKIS, D.A. SOTIROPOULOS and D.E. BESKOS, "BEM analysis of reduced dynamic stress concentration by multiple holes", *Communications in Numerical Methods in Engineering*, Vol. 9, p. 917-924 (1993).
81. N. BAZEOS and D.E. BESKOS, "A computer program for determining wind pressures on 2-D structures, *Advances in Engineering Software*, Vol. 17, pp. 173-187 (1993).
82. D.D. THEODORAKOPOULOS and D.E. BESKOS, "Flexural vibrations of fissured poroelastic plates", *Archives of Mechanics*, V. 63, pp. 413-423 (1993).
83. D.D. THEODORAKOPOULOS and D.E. BESKOS, Flexural vibrations of poroelastic plates, *Acta Mechanica*, Vol. 103, pp. 191-203 (1994).
84. D. POLYZOS, A.A. STAMOS and D.E. BESKOS, "B.E.M. computation of DSIF's in cracked viscoelastic plates", *Communications in Numerical Methods in Engineering*, Vol. 10, pp. 81-87 (1994).
85. C.P. PROVIDAKIS, D.E. BESKOS and D.A. SOTIROPOULOS, "Dynamic analysis of inelastic plates by the D/BEM", *Computational Mechanics*, Vol. 13, pp. 276-284 (1994).
86. N. BAZEOS and D.E. BESKOS, "Numerical determination of time averaged winds loads on complex structures in 2-D flows", *Engineering Structures*, Vol. 16, pp. 190-200 (1994).
87. A.A. STAMOS, O. VON ESTORFF, H. ANTES and D.E. BESKOS, "Vibration isolation in road-tunnel traffic systems", *International Journal for Engineering Analysis and Design*, Vol. 1, pp. 111-121 (1994).
88. A.S. LYRINTZIS, P. YI, P.G. MICHALOPOULOS and D.E. BESKOS, "Advanced continuum traffic flow models for congested freeways", *Journal of Transportation Engineering of ASCE*, Vol. 120, pp. 461-477 (1994).
89. G.D. PAVLATOS and D.E. BESKOS, "Dynamic elastoplastic analysis by BEM/FEM", *Engineering Analysis with Boundary Elements*, Vol. 14, pp. 51-63 (1994).
90. C.P. PROVIDAKIS and D.E. BESKOS, "Dynamic analysis of elastoplastic flexural plates by the D/BEM", *Engineering Analysis with Boundary Elements*, Vol. 14, pp. 75-80 (1994).
91. D. POLYZOS, G. DASSIOS and D.E. BESKOS, "On the equivalence of dual reciprocity and particular integrals approaches in the BEM", *Boundary Elements Communications*, Vol. 5, pp. 285-288 (1994).
92. K.L. LEUNG, P.B. ZAVAREH and D.E. BESKOS, "2-D elastostatic analysis by a symmetric BEM/FEM scheme", *Engineering Analysis with Boundary Elements*, Vol. 15, pp. 67-78 (1995).
93. J. QIAN and D.E. BESKOS, Dynamic interaction between 3-D rigid surface foundations: comparison with ATC-3 provisions, *Earthquake Engineering and Structural Dynamics*, Vol. 24, pp. 419-437 (1995).
94. A.A. STAMOS and D.E. BESKOS, "Dynamic analysis of large 3-D underground structures by the BEM", *Earthquake Engineering and Structural Dynamics*, Vol. 24, pp. 917-934 (1995).

95. D.E. BESKOS. " Dynamic inelastic structural analysis by boundary element methods, " Archives of Computational Methods in Engineering, Vol. 2, pp. 1-33 (1995).
96. J.P. AGNANTARIS, D. POLYZOS and D.E. BESKOS, "Some studies on dual reciprocity BEM for elastodynamic analysis", Computational Mechanics, Vol. 17, pp.270-277 (1996).
97. J. QIAN and D.E. BESKOS, Harmonic wave response of two 3-D rigid surface foundations, Soil Dynamics and Earthquake Engineering, Vol. 15, pp. 95-110 (1996).
98. A.A. STAMOS and D.E. BESKOS, "3-D seismic response analysis of long lined tunnels in half-space", Soil Dynamics and Earthquake Engineering, Vol. 15, pp. 111-118 (1996).
99. N. BAZEOS and D.E. BESKOS, "Torsional moments on buildings subjected to wind loads", Engineering Analysis with Boundary Elements, Vol. 18, pp. 305-310 (1996).
100. D.E. BESKOS, " Boundary element methods in dynamic analysis: Part II (1986-1996), Applied Mechanics Reviews, Vol. 50, pp. 149-197 (1997).
101. D. POLYZOS, S.V. TSINOPOULOS and D.E. BESKOS, "Static and dynamic boundary element analysis of incompressible linear elasticity", European Journal of Mechanics: A/Solids, Vol. 17, pp. 515-536 (1998).
102. J.P. AGNANTARIS, D. POLYZOS and D.E. BESKOS, "Three - dimensional structural vibration analysis by the dual reciprocity BEM", Computational Mechanics, Vol. 21, pp. 372-381 (1998).
103. D. POLYZOS and D.E. BESKOS, "A new time domain BEM formulation and solution procedure for generalized dynamic coupled thermoelasticity", Engineering Analysis with Boundary Elements, Vol. 22, pp. 111-116 (1998).
104. S.V. TSINOPOULOS, S.E. KATTIS, D. POLYZOS AND D.E. BESKOS, "An advanced boundary element method for axisymmetric elastodynamic analysis", Computer Methods in Applied Mechanics and Engineering, Vol. 175, pp. 53-70 (1999).
105. S.E. KATTIS, D. POLYZOS and D.E. BESKOS, "Modelling of pile wave barriers by effective trenches and their screening effectiveness", Soil Dynamics and Earthquake Engineering, Vol. 18, pp. 1-10 (1999).
106. S. E. KATTIS, D. POLYZOS and D.E. BESKOS, "Vibration isolation by a row of piles using a 3-D frequency domain BEM", International Journal for Numerical Methods in Engineering, Vol. 46, pp. 713-728 (1999).
107. C.P. PROVIDAKIS and D.E. BESKOS, "Dynamic analysis of plates by boundary elements", Applied Mechanics Reviews, Vol. 52, pp. 213-236 (1999).
108. G.D. HATZIGEORGIOU, D.E. BESKOS, D.D. THEODORAKOPOULOS and M. SFAKIANAKIS, "Static and dynamic analysis of the Arta Bridge by finite elements", Facta Universitatis-Architecture and Civil engineering Series, Vol. 2, pp. 41-51, (1999).
109. C.P. PROVIDAKIS and D.E. BESKOS, "Inelastic transient dynamic analysis of Reissner – Mindlin plates by the D/BEM", International Journal for Numerical Methods in Engineering, Vol. 49, pp. 383-397 (2000).
110. D.D. THEODORAKOPOULOS, A.P. CHASIAKOS and D.E. BESKOS, "Dynamic pressures on rigid cantilever walls retaining poroelastic soil media. Part I: exact solution", Soil Dynamics and Earthquake Engineering, Vol. 21, pp.315-338(2001).
111. D.D. THEODORAKOPOULOS, A.P. CHASIAKOS and D.E. BESKOS, "Dynamic pressures on rigid cantilever walls retaining poroelastic soil media. Part II: approximate solution", Soil dynamics and Earthquake Engineering, Vol. 21, pp. 339-364 (2001).
112. J.P. AGNANTARIS, D. POLYZOS and D.E. BESKOS, "Free vibration analysis of non-axisymmetric and axisymmetric structures by the dual reciprocity BEM", Engineering Analysis with Boundary Elements, Vol.25 pp.713-723 (2001).
113. G. HATZIGEORGIOU, D. BESKOS, D. THEODORAKOPOULOS and M. SFAKIANAKIS, "A simple concrete damage model for FEM applications", International Journal of Computational Engineering Science, Vol.2, pp.267-286 (2001).
114. S. PAPARGYRI-BESKOU and D.E. BESKOS, "On critical viscous damping determination in linear discrete dynamic systems", Acta Mechanica, Vol. 153, pp.33-45 (2002).
115. N. BAZEOS, G.D. HATZIGEORGIOU, I.D. HONDROS, H. KARAMANEAS, D.L. KARABALIS and D.E. BESKOS, "Static, seismic and stability analyses of a prototype wind turbine steel tower", Engineering Structures, Vol. 24, pp. 1015-1025 (2002).
116. G.D. HATZIGEORGIOU and D.E. BESKOS, "Static analysis of 3-D damaged solids and structures by BEM", Engineering Analysis with Boundary Elements, Vol. 26, pp. 521-526 (2002).
117. G.D. HATZIGEORGIOU and D.E. BESKOS, "Dynamic elastoplastic analysis of 3-D structures by the D/BEM", Computers and Structures, Vol. 80, pp. 339-347 (2002).
118. G.D. HATZIGEORGIOU and D.E. BESKOS, "Dynamic response of 3-D damaged solids and structures by BEM", Computer Modeling in Engineering and Sciences, Vol. 3, pp. 791-801 (2002).
119. K.G. TSEPOURA, S. PAPARGYRI-BESKOU, D. POLYZOS and D.E. BESKOS, "Static and dynamic analysis of gradient elastic bars in tension", Archive of Applied Mechanics, Vol. 72, pp. 483-497 (2002).
120. G.D. HATZIGEORGIOU and D.E. BESKOS, "Dynamic analysis of 2-D and 3-D quasi-brittle solids and structures by D/BEM". Theoretical and Applied Mechanics, Vol. 40, pp. 39-48 (2002).
121. S.E. KATTIS, D.E. BESKOS and A.H.D. CHENG, "2-D Dynamic response of unlined and lined tunnels in poroelastic soil to harmonic body waves", Earthquake Engineering and Structural Dynamics, Vol. 32, pp. 97-110 (2003).

122. S. PAPARGYRI-BESKOU, K.G. TSEPOURA, D. POLYZOS and D.E. BESKOS, "Bending and stability analysis of gradient elastic beams", *International Journal of Solids and Structures*, Vol. 40, pp. 385-400 (2003) & Erratum Vol. 42, pp. 4911-4912 (2005).
123. D.D. THEODORAKOPOULOS and D.E. BESKOS, "Dynamic pressures on a pair of rigid walls experiencing base rotation and retaining poroelastic soil", *Engineering Structures*, Vol. 25, pp. 359-370 (2003).
124. D. POLYZOS, K.G. TSEPOURA,, S.V. TSINOPOULOS and D.E. BESKOS, "A boundary element method for solving 2D and 3D static gradient elastic problems, Part I: Integral Formulation", *Computer Methods in Applied Mechanics and Engineering*, Vol. 192, pp. 2845-2873 (2003).
125. K.G. TSEPOURA,, S.V. TSINOPOULOS, D. POLYZOS and D.E. BESKOS, "A boundary element method for solving 2D and 3D static gradient elastic problems, Part II: Numerical implementation", *Computer Methods in Applied Mechanics and Engineering*, Vol. 192, pp. 2875-2907 (2003).
126. D. POLYZOS, K.G. TSEPOURA and D.E. BESKOS, "BEM solutions of frequency domain gradient elastodynamic 3-D problems", *Electronic Journal of Boundary Elements*, Vol. 1, pp. 174-200 (2003).
127. S. PAPARGYRI-BESKOU, D. POLYZOS and D.E. BESKOS, "Dynamic analysis of gradient elastic flexural beams", *Structural Engineering and Mechanics*, Vol. 15, pp. 705-716 (2003).
128. D.D. THEODORAKOPOULOS, A.P. CHASIAKOS and D.E. BESKOS, "Dynamic effects of moving load on a poroelastic soil medium by an approximate method", *International Journal of Solids and Structures*, Vol. 41, pp. 1801-1822 (2004).
129. S. PAPARGYRI-BESKOU and D.E. BESKOS, "Response of gradient-viscoelastic bar to static and dynamic axial load", *Acta Mechanica*, Vol. 170, pp. 199-212 (2004).
130. G.D. HATZIGEORGIU and D.E. BESKOS, "Minimum cost design of fiber-reinforced concrete-filled steel tubular columns", *Journal of Constructional Steel Research*, Vol. 61, pp. 167-182 (2005).
131. D. POLYZOS, K.G. TSEPOURA and D.E. BESKOS, "Transient dynamic analysis of 3-D gradient elastic solids by BEM", *Computers and Structures*, Vol. 83, pp. 783-792 (2005).
132. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Maximum displacement profiles for the performance based seismic design of plane steel moment resisting frames", *Engineering Structures*, Vol. 28, pp. 9-22 (2006).
133. A.A. VASILOPOULOS and D.E. BESKOS, "Seismic design of plane steel frames using advanced methods of analysis", *Soil Dynamics and Earthquake Engineering*, Vol. 26 , pp. 1077-1100 (2006) & Corrigendum Vol. 27, p. 189 (2007).
134. C. CHRYSANTHAKOPOULOS, N. BAZEOS and D.E. BESKOS, "Approximate formulae for natural periods of plane steel frames", *Journal of Constructional Steel Research*, Vol. 62 , pp. 592-604 (2006).
135. D.D. THEODORAKOPOULOS and D.E. BESKOS, "Application of Biot's poroelasticity to some soil dynamics problems in civil engineering", *Soil Dynamics and Earthquake Engineering*, Vol. 26 , pp. 666-679 (2006).
136. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "On a modal damping identification model of building structures", *Archive of Applied Mechanics*, Vol. 76 , pp. 443-463 (2006).
137. G.D. HATZIGEORGIU and D.E. BESKOS, "Direct damage controlled design of concrete structures", *Journal of Structural Engineering of ASCE*, Vol. 133 , pp. 205-215 (2007).
138. A.V. ASIMAKOPOULOS, D.L. KARABALIS and D.E. BESKOS, "Inclusion of P- Δ effect in displacement-based seismic design of plane steel frames", *Earthquake Engineering and Structural Dynamics*, Vol. 36 , pp. 2171-2188 (2007).
139. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Estimation of seismic drift and ductility demands in planar regular X-braced steel frames", *Earthquake Engineering and Structural Dynamics*, Vol.36, pp.2273-2289 (2007).
140. G.F. KARLIS, S.V. TSINOPOULOS, D. POLYZOS and D.E. BESKOS, "Boundary element analysis of mode I and mixed mode (I and II) crack problems of 2-D gradient elasticity", *Computer Methods in Applied Mechanics and Engineering*, Vol. 196, pp. 5092-5103 (2007).
141. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Behaviour factor for performance-based seismic design of plane steel moment resisting frames", *Journal of Earthquake Engineering*, Vol. 11 , pp. 531-559 (2007).
142. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Seismic response of plane steel MRF with setbacks: Estimation of inelastic deformation demands", *Journal of Constructional Steel Research*, Vol. 64, pp. 644-654 (2008).
143. A.A. VASILOPOULOS, N. BAZEOS and D.E. BESKOS, "Seismic design of irregular space steel frames using advanced methods of analysis", *Steel & Composite Structures*, Vol. 8, pp. 53-83 (2008).
144. G.F. KARLIS, S.V. TSINOPOULOS, D. POLYZOS and D.E. BESKOS, "2D and 3D boundary element analysis of mode-I cracks in gradient elasticity", *Computer Modeling in Engineering and Sciences*, Vol. 26, pp. 189-207 (2008).
145. S. PAPARGYRI-BESKOU and D.E. BESKOS, "Static, stability and dynamic analysis of gradient elastic flexural Kirchhoff plates", *Archive of Applied Mechanics*, Vol. 78, pp. 625-635 (2008).
146. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Estimation of seismic inelastic deformation demands in plane steel MRF with vertical mass irregularities", *Engineering Structures*, Vol. 30, pp. 3265-3275 (2008).
147. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Drift and ductility estimates in regular steel MRF subjected to ordinary ground motions: a design oriented approach", *Earthquake Spectra*, Vol. 24, pp. 431-451 (2008).
148. A.A. VASILOPOULOS and D.E. BESKOS, "Seismic design of space steel frames using advanced methods of analysis", *Soil Dynamics and Earthquake Engineering*, Vol. 29, pp. 194-218 (2009).
149. G.D. HATZIGEORGIU and D.E. BESKOS, "Static and dynamic analysis of solids and structures by the BEM", *Journal of Serbian Society for Computational Mechanics*, Vol. 2, pp. 1-27 (2009).

150. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "On a modal damping identification model for non-classically damped linear building structures subjected to earthquakes", *Soil Dynamics and Earthquake Engineering*, Vol. 29, pp. 583-589 (2009).
151. L. PADRON, G. MYLONAKIS AND D.E. BESKOS, "Importance of footing-soil separation on dynamic stiffness of piled embedded footings", *International Journal for Numerical and Analytical Methods in Geomechanics*, Vol. 33, pp. 1439-1448 (2009).
152. S.PAPARGYRI-BESKOU, D.POLYZOS and D.E. BESKOS, "Wave dispersion in gradient elastic solids and structures: a unified treatment", *International Journal of Solids and Structures*, Vol. 46, pp. 3751-3759 (2009).
153. G.D. HATZIGEORGIOU and D.E. BESKOS, "Inelastic displacement ratios for SDOF structures subjected to repeated earthquakes", *Engineering Structures*, Vol. 31, pp. 2744-2755 (2009).
154. G.S. KAMARIS, G.D. HATZIGEORGIOU and D.E. BESKOS, "Direct damage controlled design of plane steel moment resisting frames using static inelastic analysis", *Journal of Mechanics of Materials and Structures*, Vol. 4, pp. 1375-1393 (2009).
155. S. PAPARGYRI-BESKOU and D.E. BESKOS, "Stability analysis of gradient elastic circular cylindrical shells", *International Journal of Engineering Science*, Vol. 47, pp. 1379-1385 (2009).
156. T.L. KARAVASILIS, N. MAKRIS, N. BAZEOS and D.E. BESKOS, "Dimensional response analysis of multistorey regular steel MRF subjected to pulse-like ground motions", *Journal of Structural Engineering, ASCE*, Vol. 136, pp. 921-932 (2010).
157. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "Towards a seismic design method for plane steel frames using equivalent modal damping ratios", *Soil Dynamics and Earthquake Engineering*, Vol. 30, pp. 1106-1118 (2010).
158. G.D. HATZIGEORGIOU and D.E. BESKOS, "Soil-structure interaction effects on seismic inelastic analysis of 3-D tunnels", *Soil Dynamics and Earthquake Engineering*, Vol. 30, pp. 851-861 (2010).
159. S. PAPARGYRI-BESKOU and D.E. BESKOS, "Static analysis of gradient elastic bars, beams, plates and shells", *The Open Mechanics Journal*, Vol. 4, pp. 65-73 (2010).
160. S. PAPARGYRI-BESKOU, A.E. GIANNAKOPOULOS and D.E. BESKOS, "Variational analysis of gradient elastic flexural plates under static loading", *International Journal of Solids and Structures*, Vol. 47, pp. 2755-2766 (2010).
161. G.D. HATZIGEORGIOU and D.E. BESKOS, "Dynamic inelastic structural analysis by the BEM: A review", *Engineering Analysis with Boundary Elements*, Vol. 35, pp. 159-169 (2011).
162. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "Modal strength reduction (behaviour) factors for seismic design of steel structures", *Earthquakes and Structures*, Vol. 2, pp. 65-88 (2011).
163. G.A. PAPAGIANNOPOULOS, G.D. HATZIGEORGIOU and D.E. BESKOS, "Evaluation of maximum seismic displacements of SDOF structures from their residual deformation", *Engineering Structures*, Vol. 33, pp. 3422-3431 (2011).
164. L.A. PADRON, G. MYLONAKIS and D.E. BESKOS, "Simple superposition approach for dynamic analysis of piled embedded footings", *International Journal for Numerical and Analytical Methods in Geomechanics*, in press.
165. S. PAPARGYRI-BESKOU, S.V. TSINOPOULOS and D.E. BESKOS, "Transient dynamic analysis of a fluid-saturated porous gradient elastic column", *Acta Mechanica*, Vol. 222, pp. 351-362 (2011).
166. G.A. PAPAGIANNOPOULOS, G.D. HATZIGEORGIOU and D.E. BESKOS, "An assessment of seismic hazard and risk in the islands of Cephalonia and Ithaca, Greece", *Soil Dynamics and Earthquake Engineering*, Vol. 32, pp. 15-25 (2012).
167. D. LOULELIS, G.D. HATZIGEORGIOU and D.E. BESKOS, "Moment resisting steel frames under repeated earthquakes", *Earthquakes and Structures*, in press.
168. S. PAPARGYRI-BESKOU, S.V. TSINOPOULOS and D.E. BESKOS, "Wave propagation in and free vibrations of gradient elastic circular cylindrical shells", *Acta Mechanica*, in press.
169. S. PAPARGYRI-BESKOU, D. POLYZOS and D.E. BESKOS, "Wave propagation in 3-D poroelastic media including gradient effects", *Archive of Applied Mechanics*, in press.
170. S.V. TSINOPOULOS, D. POLYZOS and D.E. BESKOS, "Static and dynamic BEM analysis of gradient elastic solids and structures", *Computer Modeling in Engineering and Sciences*, accepted.
171. A. DIMOPOULOS, N. BAZEOS and D.E. BESKOS, "Seismic yield displacements of plane moment resisting and x-braced steel frames", *Soil Dynamics and Earthquake Engineering*, accepted.
172. G.S. KAMARIS, G.D. HATZIGEORGIOU and D.E. BESKOS, "A new damage index for plane steel frames exhibiting strength and stiffness degradation under seismic motion", *Engineering Structures*, accepted.

E. Papers Submitted to Refereed Journals

1. S. EFRAIMIADOU, G.D. HATZIGEORGIOU and D.E. BESKOS, "Structural pounding between adjacent buildings subjected to strong ground motions. Part I: The effect of different structures arrangement. Part II: The effect of multiple earthquakes", *Earthquake Engineering and Structural Dynamics*, submitted.

2. A. TZIMAS, T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "A hybrid force / displacement seismic design method for steel building frames", *Engineering Structures*, to be submitted.
3. G.A. PAPAGIANNOPOULOS, G.D. HATZIGEORGIOU and D.E. BESKOS, "Recovery of spectral absolute acceleration and spectral relative velocity from their pseudo-spectral counterparts", *Earthquakes and Structures*, submitted.
4. G.S. KAMARIS, Y.M. VALLIANATOU and D.E. BESKOS, "Seismic damage estimation in plane regular steel moment resisting and x-braced frames", *Journal of Earthquake Engineering*, to be submitted.
5. G.D. HATZIGEORGIOU, D.E. BESKOS and P. KOULIS, "Inelastic response of steel plane x-braced frames to repeated earthquakes", *Earthquakes and Structures*, to be submitted.
6. G.S. KAMARIS, G.D. HATZIGEORGIOU and D.E. BESKOS, "Direct damage controlled seismic design of plane steel framed structures", *Soil Dynamics and Earthquake Engineering*, to be submitted
7. A.A. VASILOPOULOS, N. BAZEOS and D.E. BESKOS, "A pushover procedure and its application in seismic analysis and design of space steel frames", *Soil Dynamics and Earthquake Engineering*, to be submitted.
8. C. CHRYSANTHAKOPOULOS, N. BAZEOS and D.E. BESKOS, "Approximate formulae for natural periods of simple steel bridges", *Engineering Structures*, to be submitted.
9. G.D. HATZIGEORGIOU and D.E. BESKOS, "Damage detection in plane concrete or steel beam structures using continuum damage mechanics", *Archive of Applied Mechanics*, to be submitted.

F. Papers in Conference Proceedings

1. D.E. BESKOS, "Dynamic universal solutions for fiber-reinforced incompressible isotropic elastic materials," *Reports of Research in Progress*, 14th Midwestern Mechanics Conference, University of Oklahoma, Norman, March 24-26, 1975.
2. D.E. BESKOS, "Applications of theorems of linear algebra inelastic structural stability," *Union of Balkan Mathematicians, Symposium of Applied Mathematics*, Thessaloniki, Greece, 16-21 August, 1976.
3. D.E. BESKOS, "Use of dynamic influence coefficients in forced vibration problems with the aid of fast Fourier transform," pp.8/19-22 in *Proceedings of International Symposium on Innovative Numerical Analysis in Applied Engineering Sciences*, T.A. Cruse et al, Editors, Versailles, France, May 23-27, 1977.
4. D.E. BESKOS, "Dynamics and stability of plain trusses with gusset plates," *Developments in Mechanics*, Vol. 8, pp. 263-265 in *Proceedings of 15th Midwestern Mechanics Conference*, University of Illinois, Chicago, March 23-25, 1977.
5. E.C. AIFANTIS and D.E. BESKOS, "A mathematical model for diffusion in a screw dislocation field," pp. 1687-1696, in *Proceedings of 1st International Conference on Mathematical Modelling*, X.J.R. Avula, Editor, St. Louis, Missouri, Aug.29-Sept. 1, 1977.
6. G.D. MANOLIS and D.E. BESKOS, "Dynamic response of beam structures to thermal loads," pp. 654-663, in R.W. Lewis and K. Morgan, Editors, *Numerical Methods in Thermal Problems*, Pineridge Press, Swansea, 1979.
7. D.E. BESKOS, "Critical damping surfaces of linear dynamic systems," pp. 772-725, in *Proceedings of 3rd EMD/ASME Specialty Conference*, Austin, Texas, September 17-19, 1979.
8. G.D. MANOLIS and D.E. BESKOS, "Dynamic response of beam structures with the aid of numerical Laplace transform," pp. 85-89, in *Proceedings of 16th Midwestern Mechanics Conference*, Manhattan, Kansas, September 19-21, 1979.
9. G.D. MANOLIS and D.E. BESKOS, "Dynamic stress concentration studies by the boundary integral equation method," pp. 459-463, in *Innovative Numerical Analysis for the Engineering Sciences*, R.P. Shaw et al, Editors, Montreal, Canada, June 16-20, University Press of Virginia, 1980.
10. D.E. BESKOS, "Numerical operational methods for time-dependent linear problems," pp. 597-605, in *Innovative Numerical Analysis for the Engineering Sciences*, R.P. Shaw et al, Editors, Montreal, Canada, June 16-20, University Press of Virginia, 1980.
11. G.D. MANOLIS and D.E. BESKOS, "Dynamic analysis of buried structures," pp. 295-297, in *Proceedings of International Conference on Recent Advances in Geotechnical Earthquake Engineering and Soil Dynamics*, S. Prakash, Editor, St. Louis, Missouri, April 26-May 2, 1981.
12. G.D. MANOLIS and D.E. BESKOS, "Frequency and time domain elastodynamics by boundary integrals," *Work-in-Progress*, 22nd Structures, Structural Dynamics and Materials Conference, Atlanta, Georgia, April 6-8, 1981.
13. G.D. MANOLIS and D.E. BESKOS, "Dynamic stress concentration around a hole of arbitrary shape in a semi-infinite elastic plane," *Proceedings of 17th Midwestern Mechanics Conference*, Ann Arbor, Michigan, May 6-8, 1981.
14. P.G. MICHALOPOULOS and D.E. BESKOS, "Dynamic modelling of traffic flow in real networks: Needs and proposed solutions, pp. 223-239, in *Issues in Control of Urban Traffic Systems*, *Proceedings of 1981 Engineering Foundation Conference*, Henniker, N.H., June 28-July 3, 1981.
15. D.E. BESKOS, "Some B.E.M. applications in elastodynamics," *Proceedings of 11th Southeastern Conference on Theoretical and Applied Mechanics*, The University of Alabama in Huntsville, Alabama, April 8-9, 1982.
16. G.D. MANOLIS and D.E. BESKOS, "Dynamic response of lined tunnels by boundary elements", *Proceedings of Symposium on Advances and Trends in Structural and Solid Mechanics*, Arlington, Virginia, October 4-7, 1982.

17. C.C. SPYRAKOS, D.L. KARABALIS and D.E. BESKOS, "Dynamic response of rigid foundations by the time domain B.E.M.," pp. 170-173, in *Recent Advances in Engineering Mechanics and their Impact on Civil Engineering Practice*, W.F. Chen and A.D.M. Lewis, Editors, ASCE, New York, 1983.
18. I.G. VARDOULAKIS and D.E. BESKOS, "On the dynamic behavior of nearly saturated granular media," pp. 65-74, in *Geomechanics*, S. Nemat-Nasser, Editor, AMD-Vol. 57, ASME, 1983.
19. D.L. KARABALIS and D.E. BESKOS, "Earthquake response of 3-D foundations by the boundary element method," 8th World Conference on Earthquake Engineering, San Francisco, California, July 21-28, 1984.
20. P.G. MICHALOPOULOS and D.E. BESKOS, "Improved continuum models of free way flow," pp. 89-111, in, *Proceedings of 9th International Symposium on Transportation and Traffic Theory*, J. Volmuller and R. Hamerslag, Editors, Delft University of Technology, Delft, The Netherlands, 11-13 July 1984.
21. G.D. MANOLIS and D.E. BESKOS, "Beam and plate stability by boundary elements," ASCE National Convention, Atlanta, Georgia, May 14-18, 1984.
22. D.L. KARABALIS and D.E. BESKOS, "Dynamic response of 3-D flexible foundations by the boundary and finite element methods," ASCE National Convention, Atlanta, Georgia, May 14-18, 1984.
23. C.C. SPYRAKOS and D.E. BESKOS, "Dynamic response of flexible strip footings by boundary and finite elements," ASCE National Convention, Atlanta, Georgia, May 14-18, 1984.
24. D.L. KARABALIS, C.C. SPYRAKOS and D.E. BESKOS, "Dynamic response of surface foundations by time domain boundary element method," pp. 19-24, in *Dynamic Soil-Structure Interaction*, D.E. Beskos et al, Editors, A.A. Balkema Publishers, Rotterdam, 1984.
25. D.L. KARABALIS and D.E. BESKOS, "Dynamic response of 3-D embedded foundations by the boundary element method", in *Symposium on Recent Advances in Computational Mechanics during the Joint ASME/ASCE Mechanics Conference*, 24-26 June, 1985, Albuquerque, New Mexico.
26. C.C. SPYRAKOS and D.E. BESKOS, "Dynamic analysis of embedded rigid strip footings by time domain boundary element method," pp. 6.71-6.78, in *Boundary Elements VII*, C.A. Brebbia and G. Maier, Editors, Springer-Verlag, Berlin, 1985.
27. D.E. BESKOS, B. DASGUPTA and I.G. VARDOULAKIS, "Vibration isolation of machine foundations," pp. 138-151, in *Vibration Problems in Geotechnical Engineering*, G. Gazetas and E.T. Selig, Editors, ASCE, New York, 1985.
28. B. DASGUPTA, D.E. BESKOS and I.G. VARDOULAKIS, "3-D vibration isolation using open trenches", pp. 385-392, in *Innovative Numerical Methods in Engineering*, R.P. Shaw et al, Editors, Springer-Verlag, Berlin, 1986.
29. I.G. VARDOULAKIS, D.E. BESKOS, K.L. LEUNG, B. DASGUPTA and R.L. STERLING, "Computation of vibration levels in underground space," in *Proceedings of Soil Mechanics and Foundation Engineering Conference*, St. Paul, Minnesota, January 28, 1986.
30. C.C. SPYRAKOS, P.N. PATEL and D.E. BESKOS, "Dynamic analysis of flexible embedded foundations: Plane strain case," pp. 615-624, in *Computational Methods and Experimental Measurements -3*, G.A. Keramidas and C.A. Brebbia, Editors, Springer-Verlag, Berlin, 1986.
31. D.E. BESKOS and I.G. VARDOULAKIS, "Vibration isolation of structures from surface waves", pp. VI. 263-VI. 267, in *Computational Mechanics '86*, G. Yagawa and S.N. Atluri, Editors, Springer-Verlag, Tokyo, 1986.
32. D.E. BESKOS and I.G. VARDOULAKIS, "Passive and active vibration isolation of machine foundations by trenches," pp. 36-48 in *Proceedings of 1st National Congress of Mechanics*, Athens, June 25-27, 1986.
33. D.E. BESKOS, K.L. LEUNG and I.G. VARDOULAKIS, "Vibration isolation of structures from surface waves in layered soil," pp.125-140, in *Recent Applications in Computational Mechanics*, D.L. Karabalis, Editor, ASCE, New York, 1986.
34. D.P.N. KONTONI and D.E. BESKOS, "Inelastic dynamic analysis by the boundary element method," pp. 335-351, in *Boundary Elements IX, Vol. 2, Stress Analysis Applications*, C.A. Brebbia et al, Editors, Springer-Verlag, Berlin, 1987.
35. D.P.N. KONTONI and D.E. BESKOS, "An approximate BEM for wave propagation in the half-plane," pp. 149-166 in *Boundary Elements IX, Vol. 3, Fluid Flow and Potential Applications*, C.A. Brebbia et al, Editors, Springer-Verlag, Berlin, 1987.
36. C.P. PROVIDAKIS and D.E. BESKOS, "Forced vibrations of plates and shells by boundary-interior elements," pp. 97-109, in *Boundary Elements IX, Vol. 2, Stress Analysis Applications*, C.A. Brebbia et al, Editors, Springer-Verlag, Berlin, 1987.
37. K.L. LEUNG, I.G. VARDOULAKIS and D.E. BESKOS, "Vibration isolation of structures from surface waves in homogeneous and nonhomogeneous soils," pp. 155-169, in *Soil Structure Interaction*, A.S. Cakmak, Editor, Elsevier, Amsterdam, 1987.
38. C.P. PROVIDAKIS and D.E. BESKOS, "Two BEM approaches for plate dynamic analysis," pp. 3.v.1.-3.v.5, in *Computational Mechanics '88*, S.N. Atluri and G. Yagawa, Editors, Springer-Verlag, Berlin, 1988.
39. D.P.N. KONTONI and D.E. BESKOS, "A BEM dynamic analysis of nonlinear material problems," pp. 119-132, in *Boundary Elements X, Vol. 3*, C.A. Brebbia, Editor, Springer-Verlag, Berlin, 1988.
40. C.P. PROVIDAKIS and D.E. BESKOS, "Dynamic analysis of elastic plates," pp. 403-413 in *Boundary Elements X, Vol. 4*, C.A. Brebbia, Editor, Springer-Verlag, Berlin, 1988.
41. D.E. BESKOS, "Boundary element methods in geomechanics," pp. 3-28 in *Boundary Elements X, Vol. 4, Geomechanics, Wave Propagation and Vibrations*, C.A. Brebbia, Editor, Springer-Verlag, Berlin, 1988.

42. G.D. MANOLIS and D.E. BESKOS, "Boundary integral equation formulation for dynamic poroelasticity," pp. 89-103 in *Boundary Elements X*, Vol. 4, Geomechanics, Wave Propagation and Vibrations, C.A. Brebbia, Editor, Springer-Verlag, Berlin, 1988.
43. B. DASGUPTA, D.E. BESKOS and I.G. VARDOULAKIS, "3-D analysis of vibration isolation of machine foundations," pp. 59-73 in *Boundary Elements X*, Vol. 4, Geomechanics, Wave Propagation and Vibrations, C.A. Brebbia, Editor, Springer-Verlag, Berlin, 1988.
44. D.E. BESKOS, "Vibration isolation of foundations by trenches," pp. 146-156, in *Proceedings of the Greek-German Seminar on Structural Dynamics and Earthquake Engineering*, A.N. Kounadis and W.B. Kratzig, Editors, Athens, December 16-17, 1988.
45. D.E. BESKOS, C.P. PROVIDAKIS and C.A. STAMOS, "Dynamic response of plates by the domain/boundary element method," pp. 227-235, in *Proceedings of the 2nd National Congress on Mechanics*, Athens, June 29-July 1, 1989.
46. D.P.N. KONTONI and D.E. BESKOS, "Dynamic response of non-linear systems by boundary element methods", pp. 175-184, in *Proceedings of the 2nd National Congress on Mechanics*, Athens, June 29-July 1, 1989.
47. C.P. PROVIDAKIS and D.E. BESKOS, "Dynamic analysis of shallow shells by boundary and interior elements," pp. 190-191, in *Proceedings of the 12th Canadian Congress of Applied Mechanics*, Carleton University, Ottawa, May 28-June 2, 1989.
48. N. BAZEOS and D.E. BESKOS, "Numerical determination of wind pressures on 2-D structures", pp. 269-281, in *Boundary Elements in Mechanical and Electrical Engineering*, C.A. Brebbia and A. Chaudouet-Miranda, Editors, Springer-Verlag, Berlin, 1990.
49. D.E. BESKOS, K.L. LEUNG and I.G. VARDOULAKIS, "Vibration isolation studies in nonhomogeneous soil", pp. 205-217, in *Boundary Elements in Mechanical and Electrical Engineering*, C.A. Brebbia and A. Chaudouet-Miranda, Editors, Springer-Verlag, Berlin, 1990.
50. D.E. BESKOS, "Dynamic analysis of saturated, fissured, poroelastic rock media", in *Proceedings of Abstracts of International Conference on Mechanics, Physics and Structure of Materials "A Celebration of Aristotle's 23 Centuries"*, E.C. Aifantis, Editor, Thessaloniki, Greece, August 19-24, 1990.
51. D.E. BESKOS and I.G. VARDOULAKIS, "Vibration isolation analysis by trenches in homogeneous or layered soils", pp. 693-700, in *Structural Dynamics*, W.B. Kratzig et al, Editors, A.A. Balkema, Rotterdam, 1991.
52. D.E. BESKOS and I.VGENOPOULOU, "Wave propagation in saturated fissured poroelastic rocks", pp. 267-272, in *Structural Dynamics*, W.B. Kratzig et al, Editors, A.A. Balkema, Rotterdam, 1991.
53. N. BAZEOS and D.E. BESKOS, "Wind forces on complex structures by the BEM", pp. 101-105, in *Computational Mechanics '91*, S.N. Atluri et al, Editors, ICES Publications, Atlanta, 1991.
54. A.A. STAMOS and D.E. BESKOS, "A program for dynamic analysis of 3-D underground structures", pp. 1017-1020, in *Computational Mechanics '91*, S.N. Atluri et al, Editors, ICES Publications, Atlanta, 1991.
55. D.E. BESKOS and I. VGENOPOULOU, "Dynamic solution of poroelastic column and borehole problems of soil and rock mechanics", pp.731-741, in *Soil Dynamics and Earthquake Engineering V*, Edited by Institut fur Bodenmechanik und Felsmechanik, Universitat Karlsruhe, Elsevier Applied Science, London, 1991.
56. D.E. BESKOS, "Wave propagation in layered grounds", pp. 49-72, in *Ondes Acoustiques et Vibratoires, Interactions Fluide-Structures Vibrantes*, P. Filippi and D. Habault, Editors, Laboratoire de Mecanique et d' Acoustique-C.N.R.S., Marseille, 1991.
57. P.G. MICHALOPOULOS, P.YI, D.E. BESKOS and A.S. LYRINTZIS, "Continuum modelling of traffic dynamics", pp. 36-40, in *Applications of Advanced Technologies in Transportation Engineering*, Y.J. Staphanedes and K.C. Sinha, Editors, ASCE, New York, 1991.
58. N. BAZEOS and D.E. BESKOS, "Wind forces on buildings: numerical simulation versus codes", pp. 841-849, in *Proceedings of 3rd National Congress on Mechanics*, P.S. Theocaris, Editor, University of Athens Press, 1992.
59. D.D. THEODORAKOPOULOS, D.E. BESKOS and A.A. STAMOS, "Dynamic analysis of poroelastic plates", pp. 655-663, in *Proceedings of 3rd National Congress on Mechanics*, P. S. Theocaris, Editor, University of Athens Press, 1992.
60. C.P. PROVIDAKIS, D.A. SOTIROPOULOS and D.E. BESKOS, "Reduction of dynamic stress concentrations in elastic plates", pp. 613-620, in *Proceedings of 3rd National Congress on Mechanics*, P. S. Theocaris, Editor, University of Athens Press, 1992.
61. A.A. STAMOS and D.E. BESKOS, "Three-dimensional wave diffraction by long lined tunnels in half-space", pp.406-415, in *Proceedings of 1st National Congress on Computational Mechanics*, D.E. Beskos et al, Editors, Patras University Press, 1992.
62. D.P.N. KONTONI and D.E. BESKOS, "Dynamic analysis of inelastic problems by a boundary element method", pp.349-358, in *Proceedings of 1st National Congress on Computational Mechanics*, D.E. Beskos et al, Editors, Patras University Press, 1992.
63. D.P.N. KONTONI and D.E. BESKOS, "Applications of the DR-BEM in inelastic dynamic problems", pp.259-273, in *Boundary Elements XIV*, Vol. 2, C.A. Brebbia, J. Dominguez and F. Paris, Editors, Computational Mechanics Publications, Southampton, 1992.

64. A.A. STAMOS and D.E. BESKOS, "Dynamic soil-structure interaction in 3-D underground structures", pp. 169-178, in *Boundary Elements XIV*, Vol. 2, C.A. Brebbia, J. Dominguez and F. Paris, Editors, Computational Mechanics Publications, Southampton, 1992.
65. C.P. PROVIDAKIS and D.E. BESKOS, "Nonlinear Dynamic Analysis of Plates by D/BEM", pp. 65-74, in *Boundary Elements XIV*, Vol. 2, C.A. Brebbia, J. Dominguez and F. Paris, Editors, Computational Mechanics Publications, Southampton, 1992.
66. D.P.N. KONTONI and D.E. BESKOS, "Boundary integral mass matrix for the BEM inelastic transient dynamic analysis", p. 101, in *Computational Mechanics '92*, S.N. Atluri et al, Editors, Springer Verlag, Berlin, 1992
67. D. POLYZOS, A.A. STAMOS and D.E. BESKOS, "Dynamic stress intensity factors for stationary cracks in linear viscoelastic solids by the B.E.M.", pp. 35-44, in *Proceedings of 1st National Congress on Computational Mechanics*, D.E. Beskos et al, Editors, Patras University Press, Patras 1992.
68. D.E. BESKOS and I. VGENOPOULOU, "Dynamic analysis of column and borehole problems in soils and rocks", pp. 35-53, in *Advances in Dynamic Systems and Stability*, D.E. Beskos and F. Ziegler, Editors, Springer-Verlag, Wien, 1992.
69. C.P. PROVIDAKIS and D.E. BESKOS, "Boundary element dynamic response analysis of viscoplastic plates", pp. 673-678, in *Structural Dynamics - Eurodyn '93*, T. Moan et al., Editors, A.A. Balkema, Rotterdam, 1993.
70. N. BAZEOS and D.E. BESKOS, "Numerical simulation of wind action on buildings", in *Extended Abstracts of IABEM'93*, H. Antes, Editor, Institute of Applied Mechanics, Technical University of Braunschweig, 1993.
71. C.P. PROVIDAKIS and D.E. BESKOS, "Transient response of elastoplastic plates in bending by boundary elements", pp. 335-341, in *Advances in Computational Mechanics*, M. Papadrakakis and B.H.V. Topping, Editors, Civil-Comp Press, Edinburgh, 1994.
72. J. QIAN and D.E. BESKOS, "Dynamic cross-interaction of two massive 3-D foundations to Rayleigh waves", pp. 37-49, in *Advances in Simulation and Interaction*, M. Papadrakakis and B.H.V. Topping, Editors, Civil-Comp Press, Edinburgh, 1994.
73. G.D. PAVLATOS, D.E. BESKOS and D.L. KARABALIS, "Dynamic soil-structure interaction: nonlinear material behavior", pp. 23-29, in *Advances in Simulation and Interaction*, M. Papadrakakis and B.H.V. Topping, Editors, Civil-Comp Press, Edinburgh, 1994.
74. S. KATTIS, D. POLYZOS and D.E. BESKOS, "Dynamic response analysis of 3-D elastic systems by an improved frequency domain BEM", pp. 521-528, in *Boundary Element Method XVI*, C.A. Brebbia, Editor, Computational Mechanics Publications, Southampton, 1994.
75. J. QIAN and D.E. BESKOS, "Dynamic cross-interaction of rigid foundations to obliquely incident SH seismic waves", pp. 555-562, in *Boundary Element Method XVI*, C.A. Brebbia, Editor, Computational Mechanics Publications, Southampton, 1994.
76. G.D. PAVLATOS, D.E. BESKOS and D.L. KARABALIS, "Dynamic response of 2-D elastoplastic structures by a BEM/FEM scheme", pp. 495-504, in *Boundary Element Method XVI*, C.A. Brebbia, Editor, Computational Mechanics Publications, Southampton, 1994.
77. D.E. BESKOS, "Dynamic response analysis of inelastic plate structures by boundary elements", pp. 9-25, in *Collection of Papers Dedicated to P.S Theocaris*, A.N. Kounadis, Editor, National Technical University of Athens, 1994.
78. D.L. KARABALIS, D.C. RIZOS and D.E. BESKOS, "Dynamic analysis of 3-D foundations", pp. 140-162, in *I.C. Jong & F.A. Aki*, Editors, *Developments in Theoretical and Applied mechanics*, Vol. XVII, Louisiana Tech. Univ. & Univ. of Arkansas, 1994.
79. D.E. BESKOS, "A comparative study on three BEM approaches for dynamic elastoplastic analysis," pp. 84-96, in *Contemporary Research in Engineering Science - a book honoring Professor S.N. Atluri*, R.C. Batra, Editor, Springer - Verlag, Berlin, 1995.
80. S. KATTIS, D. POLYZOS and D.E. BESKOS, "Structural vibration isolation by rows of piles", pp. 509-516, in *Soil Dynamics and Earthquake Engineering VII*, A.S. Cakmak and, C.A. Brebbia, Editors, Computational Mechanics Publications, Southampton, 1995.
81. S. MARAVEGIAS and D.E. BESKOS, "Comparison of simplified and complete FEM models for seismic response analysis of steel bridges", pp. 495-502, in *EUROSTEEL '95* (1st European Conference on Steel Structures), A. N. Kounadis, Editor, A.A. Balkema, Rotterdam, 1995.
82. G.D. PAVLATOS and D.E. BESKOS, "Dynamic response analysis of 2-D elastoplastic systems by a BEM/FEM scheme", pp. 3062-3067, in *Computational Mechanics '95*, S.N. Atluri, G. Yagawa and T.A. Cruse, Editors, Springer-Verlag, Berlin, 1995.
83. J. AGNANTARIAS, D. POLYZOS and D.E. BESKOS, "Some studies on dual reciprocity BEM for elastodynamic analysis", pp. 2890-2895, in *Computational Mechanics '95*, S. N. Atluri, G. Yagawa and T.A. Cruse, Editors, Springer-Verlag, Berlin, 1995.
84. J. AGNANTARIAS, D. POLYZOS and D.E. BESKOS, "The DR/BEM in dynamic fracture mechanics problems : a comparative study", pp. 333-340, in *Proceedings of the 4th National Congress on Mechanics*, P.S. Theocaris and E.E. Gdoutos, Editors, Democritus University of Thrace, Xanthi, 1995.

85. N. BAZEOS and D.E. BESKOS, "Numerical determination of wind-induced torsion on buildings", pp 609-614, in Proceedings of 4th National Congress on Mechanics, P.S. Theocaris and E.E. Gdoutos, Editors, Democritus University of Thrace, Xanthi, 1995.
86. D.E. BESKOS "Boundary element transient analysis of inelastic plate structures", Proceedings of IABEM Symposium on Boundary Integral Methods for Nonlinear Problems, Siena, Italy, 29 May - 2 June, 1995.
87. D.D. THEODORAKOPOULOS and D.E. BESKOS, "Harmonic dynamics of poroelastic plates with one or two degrees of porosity", pp. 339-351, in Mechanics of Poroelastic Media , A.P.S. Selvadurai, Editor, Kluwer Academic Publishers, Dordrecht, 1996.
88. J.P. AGNANTHARIS, D. POLYZOS and D.E. BESKOS, "Dual reciprocity BEM for free and forced vibrations of 3-D structures, pp. 42-50, in Proceedings of 2nd National Congress on Computational Mechanics, D.A. Sotiropoulos and D.E. Beskos, Editors, Technical University of Crete, Chania, 1996.
89. J.P. AGNANTHARIS, D. POLYZOS and D.E. BESKOS, "Forced Vibrations of 3-D solids by the dual reciprocity BEM", pp. 99-103, in Advances in Boundary Element Methods, B.H.V. Topping, Editor, Civil-Comp Press, Edinburgh, 1996.
90. S.V. TSINOPOULOS, D. POLYZOS and D.E. BESKOS, "BEM formulation for 3-D elastic incompressible solids", pp. 1-8, in Advances in Boundary Element Methods, B.H.V. Topping, Editor, Civil-Comp Press, Edinburgh, 1996.
91. A.A. STAMOS and D.E. BESKOS, "Harmonic wave response of long lined tunnels in half-space by a special BEM", pp. 405-416, in Earthquake Resistant Engineering Structures '96, G.D. Manolis, D.E. Beskos and C.A. Brebbia, Editors, Computational Mechanics Publications, Southampton, 1996.
92. A.A. STAMOS, D.D. THEODORAKOPOULOS and D.E. BESKOS, "Harmonic wave response of tunnels in poroelastic saturated soil", pp. 101-112, in Earthquake Resistant Engineering Structures '96, G.D. Manolis, D.E. Beskos and C.A. Brebbia, Editors, Computational Mechanics Publications, Southampton, 1996.
93. J. AGNANTHARIS, D. POLYZOS and D. BESKOS, "Elastodynamic analysis of 2-D and 3-D solids by DR/BEM", in Solid Mechanics, Scientific Meetings of the Serbian Academy of Sciences and Arts, Vol. 87, Department of Technical Sciences, Book 3, pp. 147-154, 1997.
94. S.E. KATTIS, D. POLYZOS and D.E. BESKOS, "Vibration isolation using a group of piles", pp. 212-213 in Proceedings of 8th International Conference on Soil Dynamics and Earthquake Engineering, A.S. Cakmak, M. Erdik and E. Durukal, Editors, Bogazici University, Istanbul, 1997.
95. D. POLYZOS and D.E. BESKOS, "A new time domain BEM formulation and solution procedure for generalized dynamic coupled thermoelasticity", pp. 669-672 in Thermal Stresses'97, R.B. Hetnarski, Editor, Rochester Institute of Technology, Rochester, 1997.
96. S.E. KATTIS, D. POLYZOS and D.E. BESKOS, "Vibration isolation by trenches and piles: a comparison", Proceedings of Abstracts of IABEM 98: International Symposium on Boundary Element Methods, M. Bonnet and D. Aubry, Editors, Ecole Polytechnique, Paris, 1998, pp 117-118.
97. S.E. KATTIS, D. POLYZOS and D.E. BESKOS, "Vibration isolation by trenches and piles under 3-D conditions", Recent Advances in Mechanics: Abstracts, A.N. Kounadis and E.E. Gdoutos, Editors, Democritus University of Thrace, Xanthi, 1998, pp. 51-52.
98. S.E. KATTIS, D.L. KARABALIS and D.E. BESKOS, "Effect of poroelastic saturated soil on the seismic response of tunnels", Proceedings of the 11th European Conference on Earthquake Engineering, Abstract Volume and CD-ROM of full length papers, P. Bisch, P. Labbe and A. Pecker, Editors, A.A. Balkema, Rotterdam, 1998, p. 272 and 8 pages for full length paper.
99. C.P. PROVIDAKIS and D.E. BESKOS, "Transient dynamic analysis of elastoplastic Reissner plates by D/BEM", Proceedings of 5th National Congress on Mechanics, P.S. Theocaris, D.I. Fotiadis and C.V. Massala, Editors, The University of Ioannina, 1998, pp. 84-91.
100. C.P. PROVIDAKIS and D.E. BESKOS, "Transient response analysis of thick steel plates", Proceedings of 3rd National Congress on Steel Structures, Thessaloniki, 30-31 October 1998, pp.44-51.
101. G.D. PAVLATOS and D.E. BESKOS, "Dynamic inelastic soil-structures interaction using a hybrid BEM/FEM scheme", in Proceedings of IUTAM/IACM Symposium on Discretization Methods in Structural Mechanics II, H.A. Mang and F.G. Rammerstorfer, Editors, Kluwer Academic Publishers, Dordrecht, 1999, pp. 233-240.
102. S.E. KATTIS, K. KARVELI, D.L. KARABALIS and D.E. BESKOS, "Seismic response analysis of lined tunnels in poroelastic soil medium", in Earthquake Resistant Engineering Structures, G. Oliveto and C.A. Brebbia, Editors, WIT Press, Southampton, 1999, pp. 615-624.
103. C.P. PROVIDAKIS and D.E. BESKOS, "Dynamic analysis of elastoplastic thick plates by boundary elements", in Proceedings of European Conference on Computational Mechanics (ECCM'99), Munchen, August 31- September 3, 1999, Abstract Volume and CD-ROM of full length papers.
104. S.V. TSINOPOULOS, S.E. KATTIS, D. POLYZOS and D.E. BESKOS, "Elastodynamic analysis of axisymmetric structures by the frequency domain BEM", in Proceedings of Symposium on Advanced Mathematical and Computational Mechanics Aspects of the Boundary Element Method, Cracow, Poland, 30 May – 3 June, 1999, Abstract Volume.
105. C.P.P. PROVIDAKIS and D.E. BESKOS, "Dynamic analysis of elastoplastic thick plates by a D/BEM", in Proceedings of 3rd National Congress on Computational Mechanics, N. Aravas and J.T. Katsikadelis, Editors, University of Thessaly, Volos, Greece, 1999, pp. 527-534.

106. K.G. TSEPOURA, J.P. AGNANTIARIS, D. POLYZOS and D.E. BESKOS, "An improved time domain boundary elements method for 2-D wave diffraction analysis", in Volos, Greece 1999, pp. 509-515.
107. G.D. HATZIGEORGIOU, I.D. HONDROS, H. KARAMANEAS, D.L. KARABALIS, D.E. BESKOS and N. BAZEOS, Design and analysis of a prototype wind turbine steel tower, in Computational Methods for Shell and Spatial Structures, IASS – IACM 2000, M. Papadrakakis, A. Samartin and E. Onate, Editors, Abstract Volume and CD-ROM of full length papers.
108. G.D. HATZIGEORGIOU and D.E. BESKOS, "Static and dynamic inelastic analysis of 3-D structures by boundary elements", in Proceedings of International Conference on Computational Engineering Science (ICES'2K), S.N. Atluri, Editor, Los Angeles, August 21-25, 2000, pp. 1305-1310.
109. S. PAPARGYRI-PEGIOU and D.E. BESKOS, "Determination of critical damping in multidegree of freedom dynamic systems", in Proceedings of International Conference on Computational Engineering Science (ICES'2K), S.N. Atluri, Editor, Los Angeles, August 21-25, 2000, pp. 488-491.
110. G.D. HATZIGEORGIOU and D.E. BESKOS, "Dynamic response of 3-D elastoplastic or damaged structures by BEM", in Proceedings of European Congress on Computational Methods in Applied Sciences and Engineering (ECCOMAS 2000), Barcelona, 11-14 September 2000, Abstract Volume and CD-ROM of full-length papers.
111. G.D. HATZIGEORGIOU and D.E. BESKOS, "3-D boundary element analysis of damaged solids and structures", Recent Advances in Applied Mechanics, Honorary Volume for A. N. Kounadis, J.T. Katsikadelis, D.E. Beskos and E.E. Gdouts, Editors, Athens, 2000, pp. 41-48.
112. G.D. HATZIGEORGIOU and D.E. BESKOS, "Transient dynamic response of 3-D elastoplastic structures by the D/BEM", in Boundary Elements XXIII, D.E. Beskos et al. Editors, WIT Press, Southampton, 2001, pp.129-137.
113. K.G. TSEPOURA, S. PAPARGYRI-BESKOU, D. POLYZOS and D.E. BESKOS, "Gradient elastic bars under uniaxial static or dynamic load", in Proceedings of 6th National Congress on Mechanics, Thessaloniki, Greece, July 19-21, 2001, E.C. Aifantis and A.N. Kounadis, Editors, Thessaloniki, Vol. II, pp. 328-334.
114. S. PAPARGYRI-BESKOU, K.G. TSEPOURA, D. POLYZOS and D.E. BESKOS, "Gradient elastic Bernoulli-Euler beams in bending and buckling", in Proceedings of 6th National Congress on Mechanics, Thessaloniki, Greece, July 19-21, 2001, E.C. Aifantis and A.N. Kounadis, Editors, Thessaloniki, Vol. II, pp. 163-169.
115. G.D. HATZIGEORGIOU and M.G. SFAKIANAKIS, D.D. THEODORAKOPOULOS and D.E. BESKOS, "Numerical studies of anchors and rebars in concrete specimens by damage models", in Proceedings of 6th National Congress on Mechanics, Thessaloniki, Greece, July 19-21, 2001, E.C. Aifantis and A.N. Kounadis, Editors, Thessaloniki, Vol. I, pp. 210-215.
116. G.D. HATZIGEORGIOU, D.E. BESKOS, D.D. THEODORAKOPOULOS and M. SFAKIANAKIS, "Static and dynamic analysis of the Arta bridge by finite elements", in Proceedings of the International Symposium on Extraordinary Machines and Structures in Antiquity, Olympia, Greece, August 19-24, 2001, 8 pages. It was also published in a book with the same title as the Conference, edited by S.A. Paipetis, Peri Technon, , Patras 2003, pp. 167-176.
117. G.D. HATZIGEORGIOU and D.E. BESKOS, "Inelastic response of 3-D underground structures in rock under seismic loading", in Earthquake Resistant Engineering Structures III, C.A. Brebbia and A. Corz, Editors, WIT Press, Southampton, 2001, pp. 599-608.
118. D.D. THEODORAKOPOULOS, A.P. CHASSIAKOS and D.E. BESKOS, "Harmonic response of a rigid wall retaining poroelastic soil by direct approach", in Earthquake Resistant Engineering Structures III, C.A. Brebbia and A. Corz, Editors, WIT Press, Southampton, 2001, pp. 599-608.
119. M.G. SFAKIANAKIS, G.D. HATZIGEORGIOU, D. THEODORAKOPOULOS and D.E. BESKOS, "Application of damage models for the prediction of tensile and flexural behaviour of normal and high performance concrete specimens under static and dynamic load conditions", in CD-ROM Proceedings of 1st National Conference on Recent Advances in Mechanical Engineering, Patras, Greece, September 17-20, 2001, 6 pages.
120. S. PAPARGYRI-BESKOU, K.G. TSEPOURA, D. POLYZOS and D.E. BESKOS, "Gradient elastic analysis of bars and beams", in Proceedings of Abstracts of 23rd Yugoslav Congress of Theoretical and Applied Mechanics, Beograd, Yugoslavia, October 12-13, 2001.
121. G.D. HATZIGEORGIOU and D.E. BESKOS, "Importance of seismic SSI in 3-D tunnels assuming inelastic material behaviour", in Contemporary Research in Engineering Mechanics: Symposium in Honour of Professor G.J. Simitses, G.A. Kardomateas and V. Birman, Editors, ASME, New York, 2001, pp. 271-279.
122. G.D. HATZIGEORGIOU and D.E. BESKOS, "Dynamic analysis of 2-D and 3-D quasi-brittle solids and structures by D/BEM", in CD-ROM Proceedings of 4th National Congress on Computational Mechanics, Patras 27-29 June 2002.
123. M.G. SFAKIANAKIS, G.D. HATZIGEORGIOU, D. THEODORAKOPOULOS and D.E. BESKOS, "Bond-slip behaviour of anchors and rebars in concrete specimens under pull-out tests", in CD-ROM Proceedings of 4th National Congress on Computational Mechanics, Patras 27-29 June 2002.
124. S. PAPARGYRI-BESKOU, D. POLYZOS and D.E. BESKOS, "Flexural vibrations in gradient elastic beams", in CD-ROM Proceedings of 4th National Congress on Computational Mechanics, Patras 27-29 June 2002.
125. D.D. THEODORAKOPOULOS, A.P. CHASSIAKOS and D.E. BESKOS, "Seismic analysis of retaining walls for poroelastic soils", in Proceedings of 12th European Conference on Earthquake Engineering, London, 9-13 September 2002.

126. A.B. ASIMAKOPOULOS, D.L. KARABALIS and D.E. BESKOS, "Yield displacement estimates for the displacement based design of plane steel frames", in Proceedings of 4th National Conference on Steel Structures, Patras, May 24-25 2002, D.E. Beskos, D.L. Karabalis and A.N. Kounadis, Editors, Typorama, Patras, pp. 385-393.
127. G.D. HATZIGEORGIOU and D.E. BESKOS, "Optimum design of concrete-filled steel tubular columns", in Proceedings of 4th National Conference on Steel Structures, Patras, May 24-25 2002, D.E. Beskos, D.L. Karabalis and A.N. Kounadis, Editors, Typorama, Patras, pp. 429-437.
128. G.D. HATZIGEORGIOU and D.E. BESKOS, "A boundary element methodology for dynamic elastoplastic structural analysis", in Proceedings of 4th National Conference on Steel Structures, Patras, May 24-25 2002, D.E. Beskos, D.L. Karabalis and A.N. Kounadis, Editors, Typorama, Patras, pp. 51-59.
129. G. PAVLIDIS, N. BAZEOS and D.E. BESKOS, "Effects of higher modes and seismic frequency content on the accuracy of pushover analysis of steel frames", in Proceedings of 4th International Conference on the Behaviour of Steel Structures in Seismic Areas (STESSA 2003), Naples, Italy, June 9-12, 2003, F.M. Mazzolani, Editor, A.A. Balkema, Rotterdam, 2003, pp. 547-550.
130. G.D. HATZIGEORGIOU and D.E. BESKOS, "On the optimum design of fibre reinforced concrete-steel composite columns", in Recent Advances in Composite Materials – In Honour of S.A. Paipetis, E.E. Gdoutos and Z. Marioli-Riga, Editors, Kluwer Academic Publishers, Dordrecht, 2003, 357-370.
131. A.V. ASIMAKOPOULOS, D.L. KARABALIS and D.E. BESKOS, "Treatment of P- Δ effect in a displacement-based design procedure of steel moment resisting frames", in Proceedings of 4th International Conference on the Behaviour of Steel Structures in Seismic Areas (STESSA 2003), Naples, Italy, June 9-12, 2003, F.M. Mazzolani, Editor, A.A. Balkema, Rotterdam, 2003, pp. 9-15.
132. S. PAPARGYRI-BESKOU and D.E. BESKOS, "Static and dynamic analysis of a gradient-viscoelastic axial bar", in Proceedings of Abstracts of 5th Euromech Solid Mechanics Conference, Aristotle University of Thessaloniki, August 17-22, 2003.
133. D. POLYZOS, K.G. TSEPOURA and D.E. BESKOS, "Time-harmonic gradient elastodynamics by the BEM", in Proceedings of Abstracts of 5th Euromech Solid Mechanics Conference, Aristotle University of Thessaloniki, August 17-22, 2003.
134. K.G. TSEPOURA, S. PAPARGYRI-BESKOU, D. POLYZOS and D.E. BESKOS, "Static analysis of 3-D gradient elastic solids by BEM", in Computational Fluid and Solid Mechanics 2003, K.J. Bathe, Editor, Elsevier Science Ltd, London, 2003, pp. 705-708.
135. P. NIKOLAOU, M.G. SFAKIANAKIS, G.D. HATZIGEORGIOU and D.E. BESKOS, "Static analysis of masonry bridges by a nonlinear 3-D FEM", in CD-ROM Proceedings of ICCES 03, International Conference on Computational and Experimental Engineering and Sciences, S.N. Atluri, D.E. Beskos and D. Polyzos, Editors, Corfu, Greece, 25-29 July 2003.
136. A.A. VASILOPOULOS and D.E. BESKOS, "Design of steel structures by EC3 and advanced analysis", in CD-ROM Proceedings of ICCES 03, International Conference on Computational and Experimental Engineering and Sciences, S.N. Atluri, D.E. Beskos and D. Polyzos, Editors, Corfu, Greece, 25-29 July 2003.
137. G.A. PAPAGIANNOPOULOS, A.V. ASIMAKOPOULOS and D.E. BESKOS, "Seismic inelastic response of steel frames by spectrum analysis with equivalent damping", in CD-ROM Proceedings of ICCES 03, International Conference on Computational and Experimental Engineering and Sciences, S.N. Atluri, D.E. Beskos and D. Polyzos, Editors, Corfu, Greece, 25-29 July 2003.
138. K.G. TSEPOURA, D. POLYZOS and D.E. BESKOS, "BEM solution of 3-D gradient elastic problems", in CD-ROM Proceedings of ICCES 03, International Conference on Computational and Experimental Engineering and Sciences, S.N. Atluri, D.E. Beskos and D. Polyzos, Editors, Corfu, Greece, 25-29 July 2003.
139. N. BAZEOS and D.E. BESKOS, "A new seismic design method for building framed structures", in CD-ROM Proceedings of ICCES 03, International Conference on Computational and Experimental Engineering and Sciences, S.N. Atluri, D.E. Beskos and D. Polyzos, Editors, Corfu, Greece, 25-29 July 2003.
140. P. NIKOLAOU, M.G. SFAKIANAKIS, G.D. HATZIGEORGIOU and D.E. BESKOS, "Seismic analysis of masonry bridges by a nonlinear 3-D FEM", in Proceedings of ERES 2003 Conference, Ancona, Italy, 22-24 September 2003, G. Latini and C.A. Brebbia, Editors, WIT Press, Southampton, pp. 97-106.
141. D.D. THEODORAKOPOULOS, D.E. BESKOS and A.P. CHASSIAKOS, "Dynamic effects of moving load on a poroelastic soil medium", in Cyclic Behaviour of Soils and Liquefaction Phenomena, T. Triantafyllidis, Editor, Taylor & Francis, London, 2004, pp. 581-588.
142. S. PAPARGYRI-BESKOU and D.E. BESKOS, "Gradient-viscoelastic bar under static or dynamic axial force", in Proceedings of 7th National Congress on Mechanics, Chania, Crete, June 24-26, 2004, A. Kounadis, C. Providakis and G. Exadaktylos, Editors, Chania, Crete, 2004, Vol. 2, pp. 321-329.
143. D. POLYZOS, K.G. TSEPOURA and D.E. BESKOS, "Dynamic analysis of gradient elastic solids by BEM", in CD-ROM Proceedings of 21st International Congress of Theoretical and Applied Mechanics (ICTAM), August 15-21, 2004, Warsaw, Poland, W. Gutkowski and T. Kowalewski, Editors, Kluwer Academic, Dordrecht.
144. D. POLYZOS, K.G. TSEPOURA, S.V. TSINOPOULOS and D.E. BESKOS, "Static analysis of gradient elastic 3-D solids by BEM", in Proceedings of 6th World Conference on Computational Mechanics, September 5-10, 2004, Beijing, China,

- Z.H. Yao, M.W. Yuan and W.X. Zhong, Editors, Tsinghua University Press, Beijing and Springer, Berlin, 2004, pp. 547-552.
145. S. PAPARGYRI-BESKOU and D.E. BESKOS, "Static and dynamic analysis of a gradient-viscoelastic bar under axial force", in Proceedings of Abstracts of 5th German-Greek-Polish Symposium on Advances in Mechanics, September 12-18, 2004, Bad Honnef, Germany, R. Kienzler, Editor, pp. 59-60.
 146. G.D. HATZIGEORGIOU and D.E. BESKOS, "Direct damage controlled design of plane concrete beam structures", in Proceedings of Abstracts of 5th German-Greek-Polish Symposium on Advances in Mechanics, September 12-18, 2004, Bad Honnef, Germany, R. Kienzler, Editor, pp. 29-30.
 147. D.D. THEODORAKOPOULOS and D.E. BESKOS, "Dynamic poroelastic soil pressures on a pair of rigid retaining walls experiencing base rotation", in Earthquake Resistant Engineering Structures V, C.A. Brebbia, D.E. Beskos, G.D. Manolis and C.C. Spyarakos, Editors, WIT Press, Southampton, 2005, pp. 323-332.
 148. G.D. HATZIGEORGIOU and D.E. BESKOS, "Damage controlled seismic design of quasi-brittle beam structures", in Earthquake Resistant Engineering Structures V, C.A. Brebbia, D.E. Beskos, G.D. Manolis and C.C. Spyarakos, Editors, WIT Press, Southampton, 2005, pp. 95-104.
 149. H.A. AGELOPOULOU, M.G. SFAKIANAKIS, G.D. HATZIGEORGIOU and D.E. BESKOS, "Static and dynamic analysis of masonry buildings by a nonlinear 3-D FEM", in Earthquake Resistant Engineering Structures V, C.A. Brebbia, D.E. Beskos, G.D. Manolis and C.C. Spyarakos, Editors, WIT Press, Southampton, 2005, pp. 545-554.
 150. C. CHRYSANTHAKOPOULOS, N. BAZEOS and D.E. BESKOS, "Computing natural periods of plane steel frames by approximate formulae", in Proceedings of GRACM 05, 5th GRACM International Congress on Computational Mechanics, Limassol, Cyprus, G. Georgiou, P. Papanastasiou and M. Papadrakakis, Editors, Nicosia 2005, pp. 249-256.
 151. T. WICHTMANN, E.I. SELLOUNTOS, S.V. TSINOPOULOS, A. NIEMUNIS, S. PAPARGYRI-BESKOU, D. POLYZOS, T. TRIANTAFYLIDIS and D.E. BESKOS, "Wave dispersion in dry sand by experimental, analytical and numerical methods", in Proceedings of GRACM 05, 5th GRACM International Congress on Computational Mechanics, Limassol, Cyprus, G. Georgiou, P. Papanastasiou and M. Papadrakakis, Editors, Nicosia 2005, pp. 487-493.
 152. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "A new seismic design method for steel moment resisting frames with setbacks", in Proceedings of 4th European Workshop on the Seismic Behaviour of Irregular and Complex Structures, 26-27 August 2005, Thessaloniki, Greece, CD ROM paper No 12, 15 pages.
 153. G.D. HATZIGEORGIOU and D.E. BESKOS, "Direct damage controlled design of steel frames", in Proceedings of 5th National Conference on Metal Structures, Xanthi, E. Galoussis, I. Ermopoulos and Ch. Kalfas, Editors, Democritus University of Thrace, 2005, pp. 35-43.
 154. A.V. ASIMAKOPOULOS, D.L. KARABALIS and D.E. BESKOS, "Dynamic P- Δ stability coefficients in the displacement based seismic design of steel moment resisting frames", in Proceedings of 5th National Conference on Metal Structures, Xanthi, E. Galoussis, I. Ermopoulos and Ch. Kalfas, Editors, Democritus University of Thrace, 2005, pp. 244-252.
 155. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "Modal damping identification of steel frames by using a linear model in the frequency domain", in Proceedings of 5th National Conference on Metal Structures, Xanthi, E. Galoussis, I. Ermopoulos and Ch. Kalfas, Editors, Democritus University of Thrace, 2005, pp. 261-269.
 156. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "A new seismic design method for plane steel moment resisting frames", in Proceedings of 5th National Conference on Metal Structures, Xanthi, E. Galoussis, I. Ermopoulos and Ch. Kalfas, Editors, Democritus University of Thrace, 2005, pp. 287-295.
 157. A.A. VASILOPOULOS and D.E. BESKOS, "Seismic design of plane steel frames using advanced methods of analysis", in Proceedings of 5th National Conference on Metal Structures, Xanthi, E. Galoussis, I. Ermopoulos and Ch. Kalfas, Editors, Democritus University of Thrace, 2005, pp. 296-304.
 158. G.D. HATZIGEORGIOU and D.E. BESKOS, "Damage controlled design of beam structures", in CD-ROM Proceedings of ICCES 05, International Conference on Computational and Experimental Engineering and Sciences, 1-6 December 2005, Chennai, India.
 159. A.A. VASILOPOULOS and D.E. BESKOS, "Seismic design of space steel frames using advanced methods of analysis", in Proceedings of 1st South-East European Conference on Computational Mechanics, June 28-30, 2006, Kragujevac, Serbia, M. Kojic and M. Papadrakakis, Editors, University of Kragujevac, Kragujevac, pp. 164-170.
 160. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "A hybrid force/displacement seismic design method for plane steel frames", in Proceedings of 5th International Conference on Behaviour of Steel Structures in Seismic Areas (STESSA 2006), Yokohama, Japan, 14-17 August 2006, F.M. Mazzolani and A. Wada, Editors, Taylor & Francis, London, pp. 39-44.
 161. A.A. VASILOPOULOS and D.E. BESKOS, "Use of advanced methods of analysis in seismic design of moment resisting steel frames", in Proceedings of 5th International Conference on Behaviour of Steel Structures in Seismic Areas (STESSA 2006), Yokohama, Japan, 14-17 August 2006, F.M. Mazzolani and A. Wada, Editors, Taylor & Francis, London, pp. 105-110.
 162. D.E. BESKOS, S. TSINOPOULOS and D. POLYZOS, "Fracture analysis of gradient elastic plates in plane stress by BEM", in CD-ROM Proceedings of Abstracts of 7th World Conference on Computational Mechanics (WCCM VII), Los Angeles, USA, July 16-22, 2006, W.K. Liu and J.S. Chen, Editors, International Association for Computational Mechanics.

163. A.A. VASILOPOULOS and D.E. BESKOS, "Seismic design of space steel frames using advanced methods of analysis", in Proceedings of 1st European Conference on Earthquake Engineering and Seismology (1st ECEES), Geneva, Switzerland, 3-8 September 2006, Paper No 915.
164. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "A hybrid force/displacement seismic design method for plane steel frames", in Proceedings of 1st European Conference on Earthquake Engineering and Seismology (1st ECEES), Geneva, Switzerland, 3-8 September 2006, Paper No 1013.
165. A.V. ASIMAKOPOULOS, D.L. KARABALIS and D.E. BESKOS, "Inclusion of P- Δ effect in displacement – based seismic design of steel moment resisting frames", in Proceedings of 1st European Conference on Earthquake Engineering and Seismology (1st ECEES), Geneva, Switzerland, 3-8 September 2006, Paper No 1091.
166. G.D. HATZIGEORGIU and D.E. BESKOS, "Direct damage controlled design of steel structures", in Proceedings of 1st European Conference on Earthquake Engineering and Seismology (1st ECEES), Geneva, Switzerland, 3-8 September 2006, Paper No 1126.
167. G.F. KARLIS, S.V. TSINOPOULOS, D. POLYZOS and D.E. BESKOS, "Numerical determination of crack stress and deformation fields in gradient elastic solids", in Proceedings of IUTAM Symposium on Discretization Methods for Evolving Discontinuities, A. Combescure, R. de Borst and T. Belytschko, Editors, Springer – Verlag, Berlin, 2007, pp. 365-380.
168. D.D. THEODORAKOPOULOS and D.E. BESKOS, "Dynamic response of a poroelastic soil medium to a moving load on its surface", in CD-ROM Proceedings of 4th International Conference on Earthquake Geotechnical Engineering, K. Pitliakis, Editor, Thessaloniki, Greece, 25-28 June 2007.
169. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "The equivalent modal damping concept and its use in seismic design of building structures", in CD-ROM Proceedings of ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, M. Papadrakakis, D.C. Charmpis, N.D. Lagaros and Y. Tsompanakis, Editors, Rethymno, Crete, Greece, 13-16 June 2007.
170. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Drift and ductility estimates in regular steel MRF subjected to ordinary ground motions: a design-oriented approach", in CD-ROM Proceedings of ECCOMAS Thematic Conference on Computational Methods in Structural Dynamics and Earthquake Engineering, M. Papadrakakis, D.C. Charmpis, N.D. Lagaros and Y. Tsompanakis, Editors, Rethymno, Crete, Greece, 13-16 June 2007.
171. H.A. AGELOPOULOU, A.E. FARANTOS, M.G. SFAKIANAKIS and D.E. BESKOS, "Application of a masonry damage model to the seismic analysis of historical stone-masonry structures", in Proceedings of 8th HSTAM International Congress on Mechanics, N. Bazeos, D.L. Karabalis, D. Polyzos, D.E. Beskos and J.T. Katsikadelis, Editors, University of Patras, Patras, Greece, July 12-14, 2007, pp. 423-430.
172. A.E. FARANTOS, H.A. AGELOPOULOU, M.G. SFAKIANAKIS and D.E. BESKOS, "Use of a masonry damage model for the static analysis of the Arta bridge", in Proceedings of 8th HSTAM International Congress on Mechanics, N. Bazeos, D.L. Karabalis, D. Polyzos, D.E. Beskos and J.T. Katsikadelis, Editors, University of Patras, Patras, Greece, July 12-14, 2007, pp. 307-314.
173. G.D. HATZIGEORGIU and D.E. BESKOS, "Structural steel design based on controlled damage criteria", in Proceedings of 8th HSTAM International Congress on Mechanics, N. Bazeos, D.L. Karabalis, D. Polyzos, D.E. Beskos and J.T. Katsikadelis, Editors, University of Patras, Patras, Greece, July 12-14, 2007, pp. 725-731.
174. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "Seismic response and stability of non-linear SDOF systems by using the equivalent viscous damping concept", in Proceedings of 8th HSTAM International Congress on Mechanics, N. Bazeos, D.L. Karabalis, D. Polyzos, D.E. Beskos and J.T. Katsikadelis, Editors, University of Patras, Patras, Greece, July 12-14, 2007, pp. 399-406.
175. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Seismic response of plane steel MRF with setbacks: estimation of inelastic deformation demands", in Proceedings of 8th HSTAM International Congress on Mechanics, N. Bazeos, D.L. Karabalis, D. Polyzos, D.E. Beskos and J.T. Katsikadelis, Editors, University of Patras, Patras, Greece, July 12-14, 2007, pp. 471-478.
176. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Estimation of seismic drift and ductility demands in planar regular X-braced steel frames", in Proceedings of 8th HSTAM International Congress on Mechanics, N. Bazeos, D.L. Karabalis, D. Polyzos, D.E. Beskos and J.T. Katsikadelis, Editors, University of Patras, Patras, Greece, July 12-14, 2007, pp. 479-486.
177. G.A. PAPAGIANNOPOULOS, A.V. ASIMAKOPOULOS and D.E. BESKOS, "Modal damping identification for linear non-classically damped systems subjected to earthquakes", in Proceedings of 8th HSTAM International Congress on Mechanics, N. Bazeos, D.L. Karabalis, D. Polyzos, D.E. Beskos and J.T. Katsikadelis, Editors, University of Patras, Patras, Greece, July 12-14, 2007, pp. 945-952.
178. G.F. KARLIS, S.V. TSINOPOULOS, D. POLYZOS and D.E. BESKOS, "Static analysis of 3D gradient elastic cracks via the BEM", in Proceedings of 8th HSTAM International Congress on Mechanics, N. Bazeos, D.L. Karabalis, D. Polyzos, D.E. Beskos and J.T. Katsikadelis, Editors, University of Patras, Patras, Greece, July 12-14, 2007, pp. 667-673.
179. S. PAPARGYRI-BESKOU and D.E. BESKOS, "Static and stability analysis of gradient elastic plates in bending", in Proceedings of 8th HSTAM International Congress on Mechanics, N. Bazeos, D.L. Karabalis, D. Polyzos, D.E. Beskos and J.T. Katsikadelis, Editors, University of Patras, Patras, Greece, July 12-14, 2007, pp. 687-692.

180. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "Seismic design of steel structures by using the equivalent damping concept", in Proceedings of 6th International Conference on Steel and Aluminium Structures (ICSAS' 07), R.G. Beale, Editor, Oxford Brookes University, Oxford, 24-27 July 2007, pp. 141-147.
181. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Behavior factor for performance-based seismic design of plane steel moment resisting frames", in Proceedings of 6th International Conference on Steel and Aluminium Structures (ICSAS' 07), R.G. Beale, Editor, Oxford Brookes University, Oxford, 24-27 July 2007, pp. 148-155.
182. S. PAPARGYRI-BESKOU and D.E. BESKOS, "Static and dynamic analysis of gradient elastic flexural plates", in Proceedings of Abstracts of 6th German-Greek-Polish Symposium on Recent Advances in Mechanics, J.T. Katsikadelis, Editor, Alexandroupolis, Greece, 17-21 September 2007, pp. 31-32.
183. G.F. KARLIS, S.V. TSINOPOULOS, D.E. BESKOS and D. POLYZOS, "BEM solutions of gradient elastic problems", in Proceedings of Abstracts of 6th German-Greek-Polish Symposium on Recent Advances in Mechanics, J.T. Katsikadelis, Editor, Alexandroupolis, Greece, 17-21 September 2007, pp. 95-96.
184. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "Seismic design of non-linear structures by spectrum analysis and equivalent damping", in Proceedings of Abstracts of 6th German-Greek-Polish Symposium on Recent Advances in Mechanics, J.T. Katsikadelis, Editor, Alexandroupolis, Greece, 17-21 September 2007, pp. 3-4.
185. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "Seismic inelastic design of steel structures by spectrum analysis and equivalent damping", in Proceedings of 6th National Conference on Earthquake Engineering, A. Ansal, Editor, Istanbul Technical University, Istanbul, Turkey, 16-20 October 2007, Vol. 3, pp. 103-111.
186. G.F. KARLIS, S.V. TSINOPOULOS, D. POLYZOS and D.E. BESKOS, "BEM solutions of crack problems in gradient elasticity", CD-ROM Proceedings of 1st International Conference of Engineering Against Fracture, S. Pantelakis, Editor, 28-30 May 2008, University of Patras, Greece.
187. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Comparison of two currently used and one proposed seismic design methods for steel structures", CD-ROM Proceedings of 1st International Conference of Engineering Against Fracture, S. Pantelakis, Editor, 28-30 May 2008, University of Patras, Greece.
188. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "Modal damping identification for linear non-classically damped building structures subjected to earthquakes", CD-ROM Proceedings of 6th GRACM International Conference on Computational Mechanics, D. Talaslidis, G. Manolis and A. Boudouvis, Editors, 19-21 June 2008, University of Thessaloniki, Greece.
189. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Estimation of seismic inelastic deformation demands in plane steel MRF with vertical mass irregularities", CD-ROM Proceedings of 6th GRACM International Conference on Computational Mechanics, D. Talaslidis, G. Manolis and A. Boudouvis, Editors, 19-21 June 2008, University of Thessaloniki, Greece.
190. G.F. KARLIS, S.V. TSINOPOULOS, D. POLYZOS and D.E. BESKOS, "3D gradient elastic crack analysis by the BEM", CD-ROM Proceedings of 22nd International Conference on Theoretical and Applied Mechanics (ICTAM), 25-29 August 2008, Adelaide, Australia.
191. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "Seismic inelastic design of steel structures by spectrum analysis and equivalent damping", CD-ROM Proceedings of 14th World Conference on Earthquake Engineering, October 12-17, 2008, Beijing, China.
192. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "A hybrid force/displacement seismic design method for steel building frames", CD-ROM Proceedings of 14th World Conference on Earthquake Engineering, October 12-17, 2008, Beijing, China.
193. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "Modal strength reduction factors for the seismic design of steel moment resisting frames", in Proceedings of 5th European Conference on Steel and Composite structures (EUROSTEEL 2008), 3-5 September 2008, Graz, Austria, R. Ofner et al, Editors, ECCS, Brussels, 2008, pp. 1401-1406.
194. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Comparison of three seismic design methods for steel frames", in Proceedings of 5th European Conference on Steel and Composite structures (EUROSTEEL 2008), 3-5 September 2008, Graz, Austria, R. Ofner et al, Editors, ECCS, Brussels, 2008, pp. 1407-1412.
195. G.S. KAMARIS, G.D. HATZIGEORGIU and D.E. BESKOS, "Damage controlled design of steel frames using static inelastic analysis", in Proceedings of 6th National Conference on Metal Structures, 2-4 October 2008, Ioannina, Greece, J. Ermopoulos et al, Editors, Vol. II, pp. 290-297.
196. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Comparison of three seismic design methods for steel MR frames", in Proceedings of 6th National Conference on Metal Structures, 2-4 October 2008, Ioannina, Greece, J. Ermopoulos et al, Editors, Vol. I, pp. 47-55.
197. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "Comparison of two currently used and one proposed seismic design methods for steel structures", in Engineering Against Fracture, S. Pantelakis and C. Rodopoulos, Editors, Springer Science, Berlin, 2009, pp.477-486.
198. G.F. KARLIS, S.V. TSINOPOULOS, D. POLYZOS and D.E. BESKOS, "BEM solutions of crack problems in gradient elasticity", in Engineering Against Fracture, S. Pantelakis and C. Rodopoulos, Editors, Springer Science, Berlin, 2009, pp. 443-453.
199. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "Seismic design of steel structures using modal strength reduction (behavior) factors", in Proceedings of 6th International Conference on Behaviour of Steel Structures in Seismic Areas

- (STESSA 2009), Philadelphia, USA, 16-20 August 2009, F.M. Mazzolani, J.M. Ricles and R. Sause, Editors, CRC Press / Balkema, Leiden, 2009, pp. 429-433.
200. T.L. KARAVASILIS, N. BAZEOS and D.E. BESKOS, "A new hybrid method for seismic design of steel building frames", in Proceedings of 6th International Conference on Behaviour of Steel Structures in Seismic Areas (STESSA 2009), Philadelphia, USA, 16-20 August 2009, F.M. Mazzolani, J.M. Ricles and R. Sause, Editors, CRC Press / Balkema, Leiden, 2009, pp. 423-428.
 201. G.A. PAPAGIANNOPOULOS and D.E. BESKOS, "Modal strength reduction (behavior) factors for seismic design of steel structures", in CD-ROM Proceedings of 2nd South-East European Conference on Computational Mechanics (SEECCM 2009), M. Papadrakakis, M. Kojic and V. Papadopoulos, Editors, Rhodes, Greece, 22-24 June 2009.
 202. S. PAPARGYRI-BESKOU and D.E. BESKOS, "Buckling load of gradient elastic circular cylindrical shells", in CD-ROM Proceedings of 2nd South-East European Conference on Computational Mechanics (SEECCM 2009), M. Papadrakakis, M. Kojic and V. Papadopoulos, Editors, Rhodes, Greece, 22-24 June 2009.
 203. G.F. KARLIS, S.V. TSINOPOULOS, D. POLYZOS and D.E. BESKOS, "Boundary element analysis of 2-D and 3-D cracks in gradient elastic solids", in Advances in Boundary Element Techniques X, E.J. Sapountzakis and M.H. Aliabadi, Editors, EC LTD, London, U.K., 2009, pp. 1-6.
 204. G.S. KAMARIS, G.D. HATZIGEORGIOU and D.E. BESKOS, "A new damage index for steel structures under seismic motion exhibiting strength and stiffness degradation", in CD-ROM Proceedings of 9th HSTAM International Congress on Mechanics, P. Papanastasiou et al, Editors, Limassol, Cyprus, 12-14 July, 2010.
 205. G.S. KAMARIS, G.D. HATZIGEORGIOU and D.E. BESKOS, "Damage index for degrading steel structures under seismic motion", in Proceedings of Abstracts of 7th German – Greek – Polish Symposium on Recent Advances in Mechanics, W. Kurnik, J.T. Katsikadelis and R. Kienzler, Editors, Poznan, Poland, 19-22 September, 2010.
 206. A. PAPACHARALAMPOPOULOS, D. POLYZOS, A. CHARALAMBOPOULOS and D.E. BESKOS, "Boundary element solutions for frequency domain problems in Mindlin's strain gradient theory of elasticity", in Advanced Topics in Scattering Theory and Biomedical Engineering, A. Charalambopoulos, D.I. Fotiadis and D. Polyzos, Editors, World Scientific, New Jersey, 2010, pp. 210-217.
 207. S. PAPARGYRI-BESKOU, S.V. TSINOPOULOS and D.E. BESKOS, "Transient dynamic analysis of a fluid-saturated porous gradient elastic column", in CD-ROM Proceedings of 7th GRACM International Congress on Computational Mechanics, A.G. Boudouvis and G.E. Stavroulakis, Editors, Athens, Greece, 30 June-2 July 2011.
 208. G.A. PAPAGIANNOPOULOS, G.D. HATZIGEORGIOU and D.E. BESKOS, "Frequency-dependent modal damping ratios in linear non-classically damped seismically excited frames", in CD-ROM Proceedings of 7th GRACM International Congress on Computational Mechanics, A.G. Boudouvis and G.E. Stavroulakis, Editors, Athens, Greece, 30 June-2 July 2011.
 209. A. CHRISTIDIS, E. DIMITROUDI, G.D. HATZIGEORGIOU and D.E. BESKOS, "Evaluation of maximum seismic displacements of steel frames from residual displacements", in CD-ROM Proceedings of 7th GRACM International Congress on Computational Mechanics, A.G. Boudouvis and G.E. Stavroulakis, Editors, Athens, Greece, 30 June-2 July 2011.
 210. S. PAPARGYRI and D.E. BESKOS, "Static analysis of gradient elastic bars, beams, plates and shells", in Proceedings of Abstracts of Micromechanics Modeling of Multifunctional Materials (MMMM 2011) Conference, N. Charalambakis, Editor, Thessaloniki 14-15 July 2011.
 211. S. PAPARGYRI, D. POLYZOS and D.E. BESKOS, "Wave propagation in poroelastic media with gradient effects", in Proceedings of Abstracts of Micromechanics Modeling of Multifunctional Materials (MMMM 2011) Conference, N. Charalambakis, Editor, Thessaloniki 14-15 July 2011.
 212. G.D. HATZIGEORGIOU and D.E. BESKOS, "Steel frames under repeated earthquakes", Proceedings of 6th European Conference on Steel and Composite Structures (EUROSTEEL 2011), Budapest, Hungary, August 31-September 2, 2011, L. Dunai, M. Ivanyi, K. Jamal, N. Kovacs and Gergely Vigh, Editors, ECCS Publishing, Brussels, 2011, pp. 879-884.
 213. D.E. BESKOS, "Static and dynamic BEM analysis of gradient elastic solids and structures", Proceedings of Abstracts of ICCES Special Symposium on Meshless and Other Novel Computational Methods, (ICCES MM'11), Zonguldak, Turkey, September 6-10, 2011.
 214. G.S. KAMARIS, G.D. HATZIGEORGIOU and D.E. BESKOS, "A new damage index for seismic performance of steel frames", Proceedings of 7th National Conference on Steel Structures, I. Ermopoulos, E. Mistakidis, S. Karamanos, Editors, Volos, Greece, 29 September-1 October 2011, pp. 391-398.
 215. D. LOULELIS, C. DANESSIS, P. KOULIS, A. THANASOULIAS, G.D. HATZIGEORGIOU and D.E. BESKOS, "The influence of multiple earthquakes on steel structures", Proceedings of 7th National Conference on Steel Structures, I. Ermopoulos, E. Mistakidis, S. Karamanos, Editors, Volos, Greece, 29 September-1 October 2011, pp. 302-309.
 216. E. MITROUDI, A. CHRISTIDIS, G.D. HATZIGEORGIOU and D.E. BESKOS, "Evaluation of maximum seismic displacements of steel frames from their residual deformation", Proceedings of 7th National Conference on Steel Structures, I. Ermopoulos, E. Mistakidis, S. Karamanos, Editors, Volos, Greece, 29 September-1 October 2011, pp. 310-317.

217. S. PAPARGYRI-BESKOU, D. POLYZOS and D.E. BESKOS, "Wave propagation in 3-D poroelastic media including gradient effects", in CD-ROM Proceedings of ICCES'12 (International Conference on Computational and Experimental Engineering and Sciences), Chania, Crete, Greece, 30 April – 4 May 2012.
218. G.D. HATZIGEORGIU and D.E. BESKOS, "Inelastic behavior of steel structures subjected to multiple earthquakes", in CD-ROM Proceedings of ICCES'12 (International Conference on Computational and Experimental Engineering and Sciences), Chania, Crete, Greece, 30 April – 4 May 2012.
219. T. WICHTMANN, G. HUBER, T. TRIANTAFYLLIDIS, A. PAPACHARALAMPOPOULOS, D. POLYZOS, S. PAPARGYRI-BESKOU, K. THOMAS, G. MYLONAKIS and D.E. BESKOS, "A strain gradient elastic model for torsional vibrations of sand specimens", in CD-ROM Proceedings of ICCES'12 (International Conference on Computational and Experimental Engineering and Sciences), Chania, Crete, Greece, 30 April – 4 May 2012.

G. Research and Technical Reports (not published in Journals or Conference Proceedings)

1. S.A. ANAGNOSTOPOULOS, J.V. KONSTANTOPOULOS, M.N. FARDIS and D.E. BESKOS, "Seismic Motions Recording and Specification of Design Spectra and Ground Motions for the Rio-Antirrio Crossing", 1st Progress Report to the Greek Ministry of Environment, Urban Planning and Public Works, Athens, July 1991, Department of Civil Engineering, University of Patras, 86 p. (in Greek).
2. S.A. ANAGNOSTOPOULOS, J.V. KONSTANTOPOULOS, M.N. FARDIS and D.E. BESKOS, "Seismic Motions Recording and Specification of Design Spectra and Ground Motions for the Rio-Antirrio Crossing", 2nd Progress Report to the Greek Ministry of Environment, Urban Planning and Public Works, Athens, Febr. 1992, Department of Civil Engineering, University of Patras, 75 p. (in Greek).
3. D.E. BESKOS, D.L. KARABALIS and G.D. PAVLATOS, "Three – Dimensional Seismic Analysis of Platanovrisi Dam", Final Report to Public Power Corporation of Greece, Athens, May 1995, Department of Civil Engineering, University of Patras, 200 p. (in Greek) .
4. D.E. BESKOS, D.L. KARABALIS, G. HATZIGEORGIU and C. KARAMANEAS, "Structural Analysis of the Tower of a 450 kW Wind Turbine" (Prepared for the Centre for Renewable Energy Sources, Wind Energy Program, Athens, Greece) Department of Civil Engineering, University of Patras, Patras, Greece, December 1996.
5. D.L. KARABALIS, D.E. BESKOS, and J.D. HONDROS, "Structural Analysis of the Tower and Design of the Foundation of a 450 kW Wind Turbine" (Prepared for Research Project EPET II, Contract #573) Department of Civil Engineering, University of Patras, Patras, Greece, December 1997.
6. D.L. KARABALIS and D.E. BESKOS, "Proposal for the Certification of the Tower, Foundation and Other Load Bearing Structural Components of Wind Turbines" (Prepared for the Centre of Renewable Energy Sources, Wind Energy Program, Athens, Greece) Department of Civil Engineering, University of Patras, Patras, Greece, December 1998.
7. S. ANAGNOSTOPOULOS, N. MAKRIS and D.E. BESKOS, "Investigation of the Causes of the Collapse of Part of the Roof of the Archaeological Site in Akrotiri of the Island of Thira", Report to the Public Prosecutor of Island of Naxos, Department of Civil Engineering, University of Patras, Patras, Greece, December 2006.

GRADUATE STUDENTS SUPERVISED

A. M.S. Theses supervised at the University of Minnesota

1. A. Avakian	(1975)	9. C.C. Spyrakos	(1979)
2. M.A. Ansari	(1976)	10. D.L. Karabalis	(1980)
3. S. Putman	(1977)	11. S.S. Massih	(1980)
4. G.D. Manolis	(1977)	12. B. Brand	(1981)
5. A. Giorgana	(1977)	13. A.Y. Michael	(1982)
6. W.D. Rutledge	(1978)	14. J.C. Wirt	(1982)
7. J.B. Oates	(1979)	15. K.L. Leung	(1982)
8. M.H. Fairbairn	(1979)	16. C. Xykis	(1983)

B. 1. Diploma Theses supervised at the University of Patras

1. D.N. Kontoni	(1983)	2. C.P. Providakis	(1983)
3. M. Efstratiadis	(1983)	4. A.I. Petrakis	(1984)
5. C. Boutsikos	(1985)	6. C.A. Kitsos	(1985)
7. C. Galanis	(1985)	8. O. Karaiskou	(1987)
9. T. Vamvakaris	(1988)	10. P. Albanis	(1988)
11. C.A. Stamos	(1988)	12. A. Paximadi	(1988)
13. A.A. Stamos	(1988)	14. I. Karavida	(1989)
15. G. Kralis	(1989)	16. D. Prokovas	(1989)
17. C. Siros	(1989)	18. N. Kouromihelakis	(1990)
19. D. Politis	(1991)	20. E. Skouteris	(1992)
21. C. Venetsanakos	(1992)	22. G. Pavlatos	(1992)
23. V. Lambropoulou	(1992)	24. P. Georgakopoulos	(1993)
25. C. Georgopoulou	(1994)	26. S. Maravegias	(1994)
27. S. Agelopoulou	(1994)	28. P. Spiropoulos	(1994)
29. A. Stathopoulos	(1995)	30. V. Angelopoulos	(1996)
31. A. Vasilopoulos	(1996)	32. K. Papanicolaou	(1996)
33. A. Asimakopoulos	(1996)	34. A. Kermandis	(1996)
35. P. Pavlou	(1996)	36. S. Massouri	(1997)
37. M. Liakou	(1998)	38. D. Kotsovos	(1999)
39. D. Polyzos	(1999)	40. C. Hondrodimos	(1999)
41. G. Kotsovos	(2000)	42. G. Pavlidis	(2000)
43. V. Sarantos	(2000)	44. P. Nikolaou	(2001)
45. M. Fafalios	(2001)	46. P. Tzogadoros	(2001)
47. G. Papagiannopoulos	(2002)	48. V. Koumboulas	(2002)
49. S. Stamos	(2003)	50. G. Kamaris	(2004)
51. N. Koutantzis	(2005)	52. G. Kampas	(2006)
53. H. Karageorgou	(2006)	54. A. Adamopoulos	(2007)
55. S. Antonopoulou	(2007)	56. A. Tzimas	(2007)
57. P. Chatzakis	(2007)	58. A. Gotzamanis	(2007)
59. C. Skalomenos	(2007)	60. A. Sarlis	(2007)
61. H. Papasavvidi	(2007)	62. T. Paloumpi	(2007)
63. A. Sechremeli	(2008)	64. E. Papandreou	(2008)
65. A. Dimopoulos	(2008)	66. P. Polycarpou	(2008)
67. Y. Vallianatou	(2008)	68. U. Krikoni	(2008)
69. P. Aggelakis	(2009)	70. D. Kassoulis	(2009)
71. P. Stathis	(2009)	72. A.I. Andreadi	(2009)
73. F. Babaliari	(2009)	74. A. Katsibas	(2010)
75. D. Vovos	(2010)	76. D. Korelov	(2011)
77. G. Stephanopoulos	(2011)		

B. 2. M.S. Theses supervised at the University of Patras

1. S. Massouri	(2000)	2. A. Vasilopoulos	(2000)
3. G. Pavlidis	(2002)	4. C. Tsipas	(2002)
5. D. Polyzos	(2003)	6. P. Nikolaou	(2004)
7. P. Askouni	(2004)	8. G. Papagiannopoulos	(2004)
9. C. Chrysanthakopoulos	(2004)	10. P. Tzogadoros	(2005)
11. G. Kamaris	(2006)	12. C. Skalomenos	(2009)
13. A. Gotzamanis	(2009)	14. A. Tzimas	(2009)
15. C. Petropoulos	(2009)	16. A. Thanasoulas	(2010)
17. P. Koulis	(2010)	18. A. Makos (MEEES program)	(2010)
19. A. Dimopoulos	(2011)	20. Y. Vallianatou	(2011)
21. N. Kalapodis	(2012)	22. C. Charatsaris	(2012)
23. F. Kallianiotis	(2012)	24. E. Muho	(2012)

C. M.S. Theses supervised at the Greek Open University

1. C. Karnavezos	(2007)	2. A. Liotopoulos	(2007)
3. S. Romanassou	(2008)	4. M. Theofanous	(2009)
5. V. Salvaras	(2009)	6. D. Loulelis	(2010)
7. C. Danesi	(2010)	8. A. Nalbantidou	(2011)
9. A. Panayiotou	(2012)		

D. Ph.D. Theses supervised at the University of Minnesota

1. G.V. Narayanan, "Numerical Operational Methods in Structural Dynamics," 1979; Present Position: Assistant Professor, Department of Engineering Technology, The University of Toledo, Toledo, Ohio 43606, USA.
2. G.D. Manolis, "Dynamic Response of Underground Structures," 1980; Present Position: Professor, Department of Civil Engineering, Aristotle University of Thessaloniki, GR-54006 Thessaloniki, Greece.
3. D.L. Karabalis, "Dynamic Response of 3-D Foundations by the Time Domain Boundary Element Method," 1984; Present position: Professor, Department of Civil Engineering, University of Patras, Patras 26500, Greece.
4. C.C. Spyrakos, "Dynamic Response of Strip Foundations by the Time Domain BEM-FEM Method," 1984; Present Position: Professor and Director of the Earthquake Engineering Laboratory, School of Civil Engineering, National Technical University of Athens, Athens 157 73, Greece.
5. B. Dasgupta, "Vibration Isolation of Structures in a Homogeneous Elastic Soil Medium", 1987. Present Position: Staff Engineer, Southwest Research Institute, 6220 Culebra Road, San Antonio, Texas 78023, USA.
6. K.L. Leung, "Vibration Isolation of Structures from Ground-Transmitted Waves in Non-homogeneous Elastic Soil", 1989. Present Position: Lead Analyst, General Motors CAE Application Development, 7000 Chicago Road, Warren, Michigan 48092, USA.

E. Ph.D. Theses supervised at the University of Patras

1. C. P. Providakis, "Dynamic Analysis of Plates and Shells by the Boundary Element Method," 1988; Present Position: Professor, Department of Engineering Sciences, Technical University of Crete, 73100 Chania, Greece.
2. I. Vgenopoulou, "Analysis of the Dynamic Behavior of Poroelastic Media," 1988; Present Position: Professor, School of Applied Technology, Technical and Educational Institute of Patras, 26334 Patras, Greece .
3. N. Bazeos, "Numerical Determination of Wind Loads on Civil Engineering Structures", 1993; Present Position: Assistant Professor, Department of Civil Engineering, University of Patras, 26500 Patras, Greece.
4. D.P.N. Kontoni, "Dynamic Elastoplastic Analysis by the Boundary Element Method", 1993; Present Position: Associate Professor, School of Applied Technology, Technical and Educational Institute of Patras, 26334 Patras, Greece.
5. A.A. Stamos, "Dynamic Response of Underground Structures," 1994; Present Position: A.C. Stamos/ Civil Engineering Consultants, 53 Sofocleous street, 10553 Athens, Greece.
6. S. Kattis, "Numerical Solution of Problems of Isolation of Structures from Elastic Surface Waves", (Co-advisor Professor D. Polyzos), 1997; Present Position: Research Engineer, Envirocoustics ABEE, E. Venizelou 7 & Delfon, 14452 Athens, Greece.
7. G.D. Hatzigeorgiou, "Seismic Inelastic Analysis of Underground Structures with Boundary and Finite Elements", 2001; Present Position: Assistant Professor, Department of Environmental Engineering, Democritus University of Thrace, GR-67100, Xanthi, Greece.
8. A.V. Asimakopoulos, "Displacement Based Seismic Design of Steel Structures", 2003; Present Position: Technical Consultant, 13A Gounari str., GR-26221 Patras, Greece.
9. A. Vasilopoulos, "Seismic Design of Steel Structures Using Advanced Methods of Analysis", 2005; Present Position: Civil Engineer, Region of Western Greece, 28 Patron-Athinon str., GR-26223 Patras, Greece.
10. T.L. Karavasilis (with Prof. N. Bazeos), "A New Seismic Design Method for Steel Structures", 2007; Present Position: Assistant Professor, Department of Civil Engineering, University of Warwick, Coventry CV4 7AL, U.K.
11. G.A. Papagiannopoulos, "Seismic Design of Steel Structures by Using Equivalent Modal Damping Ratios or Modal Strength Reduction Factors", 2008, Present Position: Research Associate, Department of Civil Engineering, University of Patras, GR-26500 Patras, Greece.
12. G. Kamaris, "New Method of Seismic Design of Steel Structures with Direct Damage Control", 2011, Present Position: Research Associate, Department of Civil Engineering, University of Patras, GR-26500 Patras, Greece.

- F. Ph.D. Theses in progress at the University of Patras
1. C. Skalomenos, "Design of Plane Steel / Concrete Composite Frames under Seismic Loading", expected 2013.
 2. S. Metaxa, "Seismic Response of Space Steel Frames to Repeated Earthquakes", expected 2013.
 3. D. Loulelis, "Seismic Design of Steel Structures by Equivalent Linearization", expected 2014.

COURSES TAUGHT

A. At Cornell University (1973-1974)

1. T.A.M. 1021: Mechanics of Solids (1973)
2. T.A.M. 1031: Dynamics (1974)
3. T.A.M. 1150: Advanced Engineering Analysis I (1973)
4. T.A.M. 1151: Advanced Engineering Analysis II (1974)

B. At the University of Minnesota (1974-1982)

1. C.E. 5600: Linear Structural Systems (1980)
2. C.E. 5601: Matrix Analysis of Structures (1977, 78, 79, 80)
3. C.E. 8605: The Finite Element Method (1974, 76, 77, 79, 80, 82)
4. C.E. 8606: Approximate Methods of Structural Analysis (1975, 77, 79)
5. C.E. 8609: Principles of Structural Stability (1975)
6. C.E. 8610: Shell Structures (1976, 78)
7. C.E. 8611: Plate Structures (1976)
8. C.E. 8612: Plastic Design of Steel Structures (1981)
9. C.E. 8620: Structural Dynamics I (1975, 77, 78, 79, 80)
10. C.E. 8621: Structural Dynamics II (1975, 77, 78, 79, 80)

C. At the University of Patras (1981-1996)

1. Metallic Structures I (1981, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92)
2. Metallic Structures II (1982, 83, 84, 86, 87, 88, 90, 92)
3. Stability of Structures (1983, 84, 91, 2004, 2005, 2006)
4. Plastic Design of Steel Structures (1983, 87, 94, 95, 96)
5. Technical Mechanics II. Dynamics (1985)
6. Matrix Structural Analysis (1986, 87, 2002, 2003)
7. Boundary Element Method (1988, 91, 93, 94)
8. Technical Mechanics I, Statics (1989)
9. Design of Metallic Components (1993, 94, 95, 96, 97, 98, 99, 2000, 2001, 2002)
10. Design of Metallic Structures (1993, 94, 95, 96, 97, 98, 99, 2000, 2001, 2002, 2003, 2004, 2005, 2006)
11. Theory of Elasticity (1995)
12. Advanced Methods of Analysis of Technical Works (1998, 1999, 2000, 2001, 2002, 2003, 2004)
13. Seismic Design of Steel Structures (2005, 2006)

D. At Colorado State University (1985)

1. C.E. 760: Theory of Plasticity
2. C.E. 696: Continuum Mechanics, Rock Mechanics and Boundary Elements

E. At the University of Minnesota (1989)

1. C.E. 8605: The Finite Element Method
2. C.E. 8606: Boundary Element Methods in Elastodynamics
3. C.E. 5600: Linear Structural Systems

LECTURE NOTES

A. In English

1. "Structural Dynamics I", 1975
2. "Plate Structures", 1976
3. "Shell Structures", 1976
4. "The Finite Element Method", 1976, 1979, 1989
5. "Structural Dynamics II", 1977
6. "Matrix Analysis of Structures", 1977
7. "Approximate Methods of Structural Analysis", 1979