

Date of birth: 18 March 1938

Place of birth: Farnham, Surrey, England

Education:

Ordinary National Certificate in Mechanical Engineering, Liverpool, 1957.

B.Sc.Tech. (First Class Honours), Department of Mechanical Engineering, Faculty of Technology, University of Manchester, 1961.

M.Sc.Tech., Mechanical Engineering, Faculty of Technology, University of Manchester, 1962.

Ph.D., Mechanical Engineering, Faculty of Technology, University of Manchester, 1965.

D.Sc., Faculty of Science, University of Manchester, 1980.

Experience:

1954-1958 Mechanical Engineering Apprenticeship, Royal Ordnance Factory, Liverpool, England (year prizes 1955, 1956, 1957 and 1958).

1960 Vacation Training, Mechanical Engineering, Sweden. (2 months)

1961-1963 Part-time Lecturer, Department of Mechanical Engineering, Manchester College of Science and Technology.

1963-1965 Assistant Lecturer, full-time, Department of Mechanical Engineering, Faculty of Technology, University of Manchester (now UMIST).

1965-1966 Assistant Professor, Department of Mechanical Engineering, Georgia Institute of Technology.

1966-1968 Assistant Professor, Division of Engineering, Brown University.

1968-1970 Assistant Professor, Department of Naval Architecture, Massachusetts Institute of Technology.

1970-1977 Associate Professor, Department of Ocean Engineering, Massachusetts Institute of Technology.

1977-1979 Professor, Department of Ocean Engineering, Massachusetts Institute of Technology.

- 1979- 2005 Professor, Department of Mechanical Engineering, The University of Liverpool (1993: Chair renamed A. A. Griffith Professor of Mechanical Engineering).
- 2005- Emeritus Professor, The University of Liverpool.
- 2005- Honorary Senior Fellow, The University of Liverpool.
- 1982-1990 Head of Department, Department of Mechanical Engineering, The University of Liverpool.
- 1985- 2005 Director, Impact Research Centre, The University of Liverpool.
- 1987 Visiting Professor, Department of Civil Engineering, Monash University, Australia (2 months).

Prizes and Awards

- 1958 State Scholarship (Technical)
- 1962 James Clayton Fellow, Institution of Mechanical Engineers
- 1975 Senior Visiting Fellow, SERC. (Spent sabbatical leave at UMIST)
- 1987 Honorary Professor (lifetime appointment), Huazhong University of Science and Technology, Wuhan, Hubei, China.
- 1988 Honorary Professor (lifetime appointment), Taiyuan University of Science and Technology, Taiyuan, Shanxi, China.
- 1989 William Sweet Smith Prize (with R. S. Birch and W. S. Jouri), Institution of Mechanical Engineers, London.
- 1992 Ludwig Mond Prize (with W. Q. Shen), Institution of Mechanical Engineers, London.
- 1998 Bronze medal for paper 196, Royal Institution of Naval Architects.
- 1998 Eminent Scientist Medal, Wessex Institute of Technology.
- 1998 Elected to Royal Academy of Engineering.
- 2004 Fellow, Wessex Institute of Technology
- 2005 Elected, Foreign Fellow, Indian National Academy of Engineering

External Committees

1973-1975	Technical and Research Representative, New England Section, S.N.A.M.E.
1973-1976	Secretary for Publications and Secretary International Ship Structures Congress
1976-1979	Member, S.N.A.M.E. Slamming Panel (HS-2)
1976-1985	Member, Non-Linear Structural Response Committee 11.2, International Ship Structures Congress
1981-1987	Member, I.Mech.E., Engineering Sciences Divisional Board
1983-1987	Member, Steering Committee for Behaviour of Wire Ropes in Offshore Applications, SERC.
1984-1995	Euromech Correspondent
1985-2002	Member, Safety in Mines Research Advisory Board.
1985-1988	Member, Ductile Collapse Committee III.1, International Ship Structures Congress.
1987-1990	Accreditation Panel, I.Mech.E.
1988-1990	Member, Slender Marine Structures Committee V.7, International Ship Structures Committee
1989-1995	Member, Hull and Machinery Committee, Defence Scientific Advisory Council
1990-1991	Member, Man-Made Hazards Committee of the Inter-Engineering Institutions Hazards Forum
1991-1995	Chairman, Man-Made Hazards Committee and Member Executive Committee of the Inter-Engineering Institutions Hazards Forum
1992-2000	Member, European Mechanics Council
1995-2000	Chairman, Solid Mechanics Conference Committee, European Mechanics Society (Member, 1990-1995).
1996-1998	Member, Activities Committee, Inter-Engineering Institutions Hazards Forum
2000-2007	Member, International Union of Theoretical and Applied Mechanics UK Panel

Editorial Boards

1972-1990	Journal of Ship Research, Editorial Committee, U.S.A.
1975-	Member, Editorial Advisory Board, International Journal of Mechanical Sciences
1983-1987	Editor, International Journal of Impact Engineering
1988-2008	Editor-in-Chief, International Journal of Impact Engineering
2008-	Honorary Editor-in-Chief, International Journal of Impact Engineering
1991-	Acta Mechanica Sinica, Editorial Advisory Board, China
1992-1996	Member, Advisory Board, DYMAT Journal, France
1995-2008	Associate Editor, Applied Mechanics Reviews, U.S.A.
2000-	Member, Editorial Board, International Journal of Mechanics and Materials in Design
2003-	Associate Editor, Latin American Journal of Solids and Structures
2003-	Member, Editorial Advisory Board, International Journal of Multidisciplinary Modeling in Materials and Structures
2004	Member, Editorial Board, International Journal of Ships and Offshore Structures
2004-	Member, Editorial Board, International Journal for Mechanics and Solids
2004-	Member, Editorial Board, International Journal of Applied Mathematics and Mechanics.
2012-	Editor, International Journal of Computational Methods and Experimental Measurements.

Professional Societies

Institution of Mechanical Engineers, Fellow

Royal Institution of Naval Architects, Fellow

American Society of Mechanical Engineers, Fellow

Professional Engineer (Massachusetts)

Special Lectures

Bumps, Jolts and Jars, Inaugural Lecture, University of Liverpool, February 1981.

Ships, Planks and Dinosaurs, Christmas Lectures, University of Liverpool, December 1983.

Shape and Strength: From Dinosaurs to Spacecraft, Institution of Mechanical Engineers, Isaac Newton Lecturer, 1985 (repeated about 30 times during 1985-1986 in cities throughout the U.K.).

Consulting Activities

During the past 35 years, consulting activities have been carried out for many firms in a wide range of industries including Lockheed Corporation and General Electric in the U.S.A. and Ove Arup, B.P., British Aerospace, British Gas, BNFL, British Rail, Alcan, Dunlop Slazenger, Ford, Jaguar, Nuclear Electric, British Steel and others in the U.K. and Europe.

Research Contracts as Principal Investigator

Many research contracts and grants have been obtained over the past 35 years. In the U.S.A., these have included NSF and ONR support with two and three year contracts awarded continuously during the period 1966-1979, as well as contracts from NSRDC and ABS, etc. In the U.K., research support has been secured since 1979 from industry (British Gas, British Steel, etc.), U.K. Government (SERC, EPSRC, HSE) and Europe (IMT Frameworks 3 and 4, ECSC, etc.) as well as SERC/DTI Teaching Company Schemes.

External Examiner

External examining appointments for undergraduate courses in mechanical engineering at the Universities of Glasgow, Reading, Bristol, Surrey, Manchester, UMIST, Derby/Nottingham and postgraduate courses at the University of Aberdeen and UMIST. In addition, external examiner appointments for many Ph.D. theses in the U.K. (Cambridge, Oxford, Imperial College, Glasgow, Loughborough, UMIST, Cranfield, Leeds, Newcastle, Sheffield, Strathclyde, Birmingham and Portsmouth) and overseas (France (Paris and Valenciennes), India (IIT New Delhi), Canada (Sherbrooke and British Columbia), Australia (Monash), Norway, Sweden (Uppsala), Singapore, India (IIT New Delhi, Madras, Bangalore, Kharagpur)) as well as higher doctorates in the U.K. (Cambridge, Glasgow).

Short Courses

Invited to give a series of lectures on structural impact and crashworthiness during short courses (and organised them in several cases) in Austria, Australia, China, Denmark, India, Israel, Italy, Norway, Portugal, South Africa and U.K.

Conferences Organised by Professor Norman Jones

1. 6th International Ship Structures Congress, (with J. H. Evans) Boston, Massachusetts, U.S.A., 1976.
2. 1st International Symposium on Structural Crashworthiness, co-chairman with Professor T. Wierzbicki, University of Liverpool, 1983.
3. Seminar on Methods of Impact and Energy Absorption, Chairman of Organising Panel, I.Mech.E., London, April 1986.
4. Dynamic Plastic Behaviour of Structures, Euromech Colloquium 217, co-chairman with Professor S. Kaliszky, Hungary, October 1986.
5. 2nd International Symposium on Structural Crashworthiness: Structural Failure, co-chairman with Professor T. Wierzbicki, M.I.T., Cambridge, U.S.A., June 1988.
6. Mechanics of Impact Energy Absorption, Chairman and Organiser, International Centre for Mechanical Sciences, Udine, Italy, 17-21 July 1989.
7. ASME Symposium on Recent Advances in Impact Dynamics of Engineering Structures, Co-chairman with Professor D. Hui, San Francisco, U.S.A., December 1989.
8. Dynamic Plastic Behaviour of Structures, Euromech Colloquium 281, co-chairman with Professor S. Kaliszky, University of Liverpool, 23-26 July 1991.
9. 3rd International Symposium on Structural Crashworthiness and Failure, co-chairman with Professor T. Wierzbicki, University of Liverpool, 14-16 April 1993.
10. Seminar on Materials and Structures for Energy Absorption, co-chairman of Organising Committee, I.Mech.E., London, May 2000.

Chairman and Membership of Scientific Committees for Conferences

In addition to organising the conferences listed in the previous section, I have been invited to join the scientific committees of many national and international meetings in the U.K., U.S.A., Austria, Canada, China, Greece, Italy, Japan, Poland, Portugal, Spain and Sweden. Some recent invitations are:

1. Co-chairman of 7th International Conference on Structures Under Shock and Impact, Montreal, Canada, May 2002.
2. Chairman of 4th European Solids Mechanics Conference, Metz, France, June 2000.
3. Co-chairman of 6th International Conference on Structures Under Shock and Impact, Cambridge, July 2000.
4. Co-chairman of 5th International Conference on Structures Under Shock and Impact, Thessaloniki, Greece, June 1998.

5. Chairman, 3rd European Solid Mechanics Conference, Stockholm, Sweden, August 1997.
6. Co-chairman of 4th International Conference on Structures Under Shock and Impact, Udine, Italy, July 1996.
7. Co-chairman of 3rd International Conference on Structures Under Shock and Impact, Madrid, Spain, June 1994.
8. Member, Organising Committee, 5th International Symposium on Impact Engineering, Cambridge, U.K., July 2004.
9. Member, International Advisory Committee, 8th International Symposium on Plasticity and Impact Mechanics, New Delhi, India, March 2003.
10. Member, Scientific Advisory Committee, Response of Structures to Extreme Loading, Toronto, Canada, August 2003.
11. Member, International Scientific Committee, 4th International Conference on Mechanics and Materials in Design, Nagoya, Japan, June 2002.
12. Member, International Scientific Advisory Board, First International Conference on High Performance Structures and Composites, Seville, Spain, March 2002.
13. Member, International Advisory Board, 4th International Symposium on Impact Engineering, Kumamoto, Japan, July 2001.
14. Member, Scientific Committee, 3rd International Conference on Thin-Walled Structures, Crakow, Poland, June 2001.
15. Member Scientific Advisory Committee, IMPLAST 2000, International Symposium on Impact Mechanics and Plasticity, Melbourne, Australia, September 2000.
16. Member of International Scientific Committee, 3rd International Conference on Mechanics and Materials in Design, Orlando, Florida, U.S.A., May 2000.
17. Member of International Scientific Committee, International Forum on Crash Questions, Naples, Italy, February 2000.
18. Member, International Scientific Committee, International Conference on Integrity, Reliability and Failure, Porto, Portugal, July 1999.
19. Member International Advisory Committee, 3rd International Symposium on Impact Engineering, Singapore, December 1998.
20. Member of International Scientific Committee, 2nd International Conference on Thin-Walled Structures, Singapore, December 1998.
21. Member of Technical Committee, 11th International Conference on Experimental Mechanics, Oxford, U.K., August 1998.

22. Member of Scientific and Organising Committees, International Symposium on Transient Loading and Response of Structures, Trondheim, Norway, May 1998.
23. Member Scientific Advisory Board, International Conference on Damage and Fracture Due to Impact, Vienna, Austria, July 1998.
24. Member Scientific Organising Committee, NATO Advanced Study Institute on Crashworthiness and Transportation Systems; Structural Impact and Occupant Protection, Troia, Portugal, July 1996.
25. Member Scientific Organising Committee, Precision Testing in Support of computer Code Validation and Verification, Workshop Organised by Norwegian Defence Construction Service and Defense Nuclear Agency (U.S.A.), Trondheim, Norway, May 1996.
26. Member International Scientific Committee, Mechanics in Design, Canadian Society for Mechanical Engineers, Hamilton, Ontario, Canada, May 1996.
27. Member Scientific Committee, International Union of Theoretical and Applied Mechanics Symposium on Constitutive Relations in High/Very High Strain Rates, Noda, Japan, October 1995.
28. Member International Organising Committee, 5th International Symposium on Plasticity and its Current Applications, Osaka, Japan, July 1995.
29. Member International Scientific Committee, International Union of Theoretical and Applied Mechanics Symposium on Impact Dynamics, Beijing, China, October 1993.
30. Member International Organising Committee, International Symposium on Impact Engineering, Sendai, Japan, November 1992.
31. Member International Scientific Advisory Committee, 2nd International Conference on Structures Under Shock and Impact, Portsmouth, U.K., June 1992.

Keynote and Invited Lectures

Plenary, keynote and invited lectures have been given, or will be presented, at many of the conferences listed in the two previous sections, as well as at the following recent meetings:

1. Plenary Lecture, 9th National Congress of Theoretical and Applied Mechanics, Varna, Bulgaria, September 2001.
2. "Dynamic Material Properties and Inelastic Failure in Structural Crashworthiness", (236 in list of articles), IJCrash Meeting, London, 2000.
3. "Some Phenomena in the Structural Crashworthiness Field", (216 in list of articles), IJCrash Meeting, Dearborn, Michigan, 1998.
4. "On the Dynamic Inelastic Failure of Structures", 6th International Symposium on Plasticity and its Current Applications, Juneau, Alaska, U.S.A., July 1997.

5. "Low Velocity Perforation of Ductile Metal Plates", International Symposium on Penetration and Impact Problems, San Jose, Costa Rica, May 1997.
6. "Some Recent Progress in Structural Impact", Symposium on Plasticity and Impact Mechanics, (198 in list of articles), New Delhi, India, December 1996.
7. Speciality Symposium on Structures Response to Impact and Blast, (187 in list of articles), Tel Aviv, Israel, October 1996.
8. International Crashworthiness and Design Symposium, (180 in list of articles), Valenciennes, France, May 1995.
9. High Strain Rate Effects in Polymer, Metal and Ceramic Matrix Composites and Other Advanced Materials (174 in list of articles), San Francisco, U.S.A., November 1995.
10. International Union of Theoretical and Applied Mechanics Symposium on Size-Scale Effects in the Failure Mechanisms of Materials and Structures, (184 in list of articles), Turin, Italy, October 1994.
11. "The Mechanics of Plate Perforation", 7th National Congress on Theoretical and Applied Mechanics, Sofia, Bulgaria, August 1993.
12. Ship Structure Symposium (159 in list of articles), Arlington, Virginia, U.S.A., November 1993.
13. Symposium on Plasticity and Impact Mechanics (156 in list of articles), New Delhi, India, December 1993.

Other presentations in this category include Greece (160), Austria (152), India (148, 126), U.K., (135, 134, 122, 119, 118, 84), Taiwan (127), Australia (124) and China (98).

PUBLICATIONS

(i) **Books**

1. "Structural Impact" by N. Jones, Cambridge University Press, pp. 575, 1989, Paperback edition, 1997. Chinese edition translated by Ping Jiang and Lili Wang, Sichuan Education Press, Chengdu, 1994.
Second Edition, pp 584, 2012. Chinese edition translated by Jun Xu, Ping Jiang and Jilin Yu, Cambridge University Press and National Defence Industry Press, 2018.

(ii) **Edited Books**

1. "Structural Crashworthiness", Edited by N. Jones and T. Wierzbicki, Butterworths Press, pp. 443, 1983.
2. "Structural Failure", Edited by T. Wierzbicki and N. Jones, John Wiley, pp. 551, 1989.
3. "Recent Advances in Impact Dynamics of Engineering Structures -1989", Edited by D. Hui and N. Jones, ASME, AMD Vol. 105 and AD Vol. 17, pp. 127, 1989.
4. "Structural Crashworthiness and Failure", Edited by N. Jones and T. Wierzbicki, Elsevier Applied Science, pp. 511, 1993.
5. "Structures Under Shock and Impact IV", Edited by N. Jones, C. A. Brebbia and A. J. Watson, Computational Mechanics Publications, Southampton and Boston, pp. 564, 1996.
6. "Structures Under Shock and Impact V," Ed. N. Jones, D. G. Talaslidis, C. A. Brebbia and G. D. Manolis, Computational Mechanics Publications, Southampton, U.K. and Boston, U.S.A., pp. 829, 1998.
7. "Structures Under Shock and Impact VI," Ed. N. Jones and C. A. Brebbia, WIT Press, Southampton and Boston, pp. 657, 2000.
8. "Structures Under Shock and Impact VII," Ed. N. Jones, C. A. Brebbia and A. M. Rajendran, WIT Press, Southampton and Boston, pp. 593, 2002.
9. "Structures Under Shock and Impact VIII," Ed. N. Jones and C. A. Brebbia, WIT Press, Southampton and Boston, pp. 518, 2004.
10. "Impact Loading of Lightweight Structures", Ed. M. Alves and N. Jones, WIT Press, Southampton and Boston, pp. 608, 2005.
11. "Structures Under Shock and Impact IX," Ed. N. Jones and C. A. Brebbia, WIT Press, Southampton and Boston, pp. 570, 2006.
12. "Structures Under Shock and Impact X", Ed, N. Jones and C. A. Brebbia, WIT Press, Southampton and Boston, pp 389, 2008.
13. "Structures Under Shock and Impact XI", Ed. N. Jones, C. A. Brebbia and U. Mander,

WIT Press, Southampton and Boston, pp 336, 2010.

(iii) **Articles**

1. "Effect of Bending Moments in Nozzles with Forged Transition Pieces" (with R. Kitching), Proc. Inst. Mech. Engrs., London, Vol. 178 (Pt 3J), pp. 211-223, 1963-64.
2. "A Problem Suitable for Introducing the Use of a Digital Computer to Undergraduates", B.M.E.E., Vol. 3, pp. 135-145, 1964.
3. "An Appraisal of the Stress Probing Method", The Engineer, London, Vol. 218, No. 5675, pp. 715-716, 1964.
4. "A Theoretical Study of In-Plane Bending of a Single Unreinforced Mitred-Bend" (with R. Kitching), Journal of Strain Analysis, I.Mech.E., London, Vol. 1, No. 3, pp. 264-276, 1966.
5. "An Experimental Investigation of a Right-Angled Single Unreinforced Mitred-Bend Subjected to Various Bending Moments" (with R. Kitching), Journal of Strain Analysis, I.Mech.E., London, Vol. 1, No. 3, pp. 248-263, 1966.
6. "On the Design of Pipe-Bends", Nuclear Eng. and Design, Vol. 4, pp. 339-405, 1966.
7. "In-Plane Bending of a Short-Radius Curved Pipe Bend", Trans. A.S.M.E., Vol. 89, Series B, No. 2, pp. 271-277, 1967.
8. "Influence of Strain-Hardening and Strain-Rate Sensitivity on the Permanent Deformation of Impulsively Loaded Rigid-Plastic Beams", International Journal of Mechanical Sciences, Vol. 9, No. 12, pp. 777-796, 1967.
9. "Impulsive Loading of a Simply Supported Circular Rigid-Plastic Plate", Journal of Applied Mechanics, Vol. 35, No. 1, Transactions A.S.M.E., Series E, pp. 59-65, 1968.
10. "Finite-Deflections of a Simply Supported Rigid-Plastic Annular Plate Loaded Dynamically", International Journal of Solids and Structures, Vol. 4, No. 6, pp. 593-603, 1968.
11. "Finite-Deflections of a Rigid Viscoplastic Strain-Hardening Annular Plate Loaded Impulsively", Journal of Applied Mechanics, Vol. 35, No. 2, Trans. A.S.M.E., Series E, pp. 349-356, 1968.
12. "A Theoretical Study of the Elastic Behavior of Two Normally Intersecting Cylindrical Shells" (with J. W. Hansberry), Transactions A.S.M.E., Vol. 91, Series B, No. 3, pp. 563-572, 1969.
13. "Combined Distributed Loads on Rigid-Plastic Circular Plates with Large Deflections", International Journal of Solids and Structures, Vol. 5, No. 1, pp. 51-64, 1969.
14. "The Collapse Pressure of a Flush Cylindrical Nozzle Intersecting a Conical Pressure Vessel Axisymmetrically", International Journal of Mechanical Sciences, Vol. 11, No. 5, pp. 401-415, 1969.

15. "The Influence of Large Deflections on the Behavior of Rigid-Plastic cylindrical Shells Loaded Impulsively", Journal of Applied Mechanics, Vol. 37, No. 2, Transactions A.S.M.E., Series E, pp. 416-425, 1970.
16. "Rigid-Plastic Behaviour of Plates", B.M.E.E., Vol. 9, No. 3, pp. 235-248, 1970.
17. "The Dynamic Plastic Behavior of Fully Clamped Rectangular Plates", (with T. O. Uran and S. A. Tekin), International Journal of Solids and Structures, Vol. 6, pp. 1499-1512, 1970.
18. "Consistent Equations for the Large Deflections of Structures", B.M.E.E., Vol. 10, No. 1, pp. 9-20, 1971.
19. "A Theoretical Study of the Dynamic Plastic Behavior of Beams and Plates with Finite-Deflections", International Journal of Solids and Structures, Vol. 7, pp. 1007-1029, 1971.
20. "A Study of the Stresses Around Elliptical Holes in Flat Plates" (with D. Hozos), Transactions A.S.M.E., Vol. 93, Series B, No. 2, pp. 688-694, 1971.
21. "Large Deflections of Rectangular Plates" (with R. M. Walters), Journal of Ship Research, S.N.A.M.E., Vol. 15, No. 2, pp. 164-171, and p. 288, 1971.
22. "An Experimental Study Into the Dynamic Plastic Behavior of Wide Beams and Rectangular Plates" (with R. N. Griffin and R. E. Van Duzer), International Journal of Mechanical Sciences, Vol. 13, No. 8, pp. 721-735, 1971.
23. "Impulsive Loading of Fully Clamped Beams with Finite-Plastic Deflections and Strain Rate Sensitivity" (with P. S. Symonds), International Journal of Mechanical Sciences, Vol. 14, No. 1, pp. 49-69, 1972.
24. "The Dynamic Plastic Behavior of Shells" (with J. W. Dumas, J. G. Giannotti and K.E. Grassit). Dynamic Response of Structures, Ed. G. Herrmann and N. Perrone, Pergamon Press, pp. 1-29, 1972.
25. "The Influence of Finite-Deformations Upon the Creep Behavior of Circular Plates" (with P. T. Tarpgaard), International Journal of Mechanical Sciences, Vol. 14, No. 7, pp. 447-467, 1972.
26. "An Approximate Theoretical Study of the Dynamic Plastic Behavior of Shells" (with R. M. Walters), International Journal of Non-Linear Mechanics, Vol. 7, No. 3, pp. 255-273, 1972.
27. "The Load Carrying Capacities of Symmetrically Loaded Shallow Shells" (with N. T. Ich), International Journal of Solids and Structures, Vol. 8, pp. 1339-1351, 1972.
28. "A Comparison of Theory and Experiments on the Dynamic Plastic Behavior of Shells" (with R. M. Walters), Archives of Applied Mechanics, Olszak Anniversary Volume, Vol. 24, No. 5-6, pp. 701-714, 1972.

29. "Review of the Plastic Behavior of Beams and Plates", presented at AIAA/ASME/SAE 13th Structures, Structural dynamics and Materials Conference, San Antonio, April 1972. Paper 72-343, Vol. 3 of proceedings. International Shipbuilding Progress, Vol. 19, No. 218, pp. 313-327, 1972. Also chapter 23, Ship Structural Design Concepts, Ed. J. H. Evans, Cornell Maritime Press, 1975.
30. "An Experimental Study of the Dynamic Plastic Behavior of Rectangular Plates" (with R. A. Baeder), Symposium on Plastic Analysis of Structures, Vol. 1, pp. 476-497, pub. by Ministry of Education, Polytechnic Institute of Jassy, Civil Eng. Faculty, 1972.
31. "An Approximate Rigid-Plastic Analysis of Shell Intersections Loaded Dynamically", Trans. A.S.M.E., Vol. 95, Series B, No. 1, pp. 321-331, 1973.
32. "An Experimental Study Into the Dynamic Inelastic Behavior of Spherical Shells and Shell Intersections" (with J. G. Giannotti and K. E. Grassit), Archiwum Budowy Maszyn, (Archives of Mech. Eng.), Vol. 20, No. 1, pp. 33-46, 1973.
33. "Influence of In-Plane Displacements at the Boundaries of Rigid-Plastic Beams and Plates", International Journal of Mechanical Sciences, Vol. 15, No. 7, pp. 547-561, 1973.
34. "The Dynamic Plastic Behavior of Simply Supported Spherical Shells" (with N. T. Ich), International Journal of Solids and Structures, Vol. 9, No. 6, pp. 741-760, 1973.
35. "Slamming Damage", Journal of Ship Research, Vol. 17, No. 2, pp.80-86, 1973.
36. "Elastic and Plastic Analysis of a Tanker Web Frame" (with A. Mansour), Journal of Ship Research, Vol. 17, No. 3, pp. 147-161, 1973.
37. "Elastic Stresses Due to Axial Loads on a Nozzle which Intersects a Cylindrical Shell" (with J. W. Hansberry), Second International Conference on Pressure Vessel Technology, A.S.M.E., Vol. 1, Design and Analysis, pp. 129-154, 1973.
38. "Similarity Principles in Structural Mechanics", International Journal of Mechanical Engineering Education, Vol. 2, No. 2, pp. 1-10, 1974.
39. "Some Remarks on the Strain-Rate Sensitive Behavior of Shells", Problems of Plasticity, Vol. 2, Noordhoff, Ed. A. Sawczuk, pp. 403-407, 1974.
40. "Elastic-Plastic and Viscoelastic Behavior of a Continuous Filament Yarn", International Journal of Mechanical Sciences, Vol. 16, No. 9, pp. 679-687, 1974.
41. "Some Experiments on the Dynamic Plastic Behavior of Shell Intersections (with A. B. Summers), Nuclear Engineering and Design, Vol. 26, No. 2, pp. 274-281, 1974.
42. "Dynamic Buckling of Complete Rigid-Plastic Spherical Shells" (with C. S. Ahn), Journal of Applied Mechanics, Vol. 41, No. 3, pp. 609-614, 1974.
43. "Dynamic Elastic and Plastic Buckling of Complete Spherical Shells" (with C. S. Ahn), International Journal of Solids and Structures, Vol. 10, pp. 1357-1374, 1974. Presented at 7th U.S. National Congress of Applied Mechanics, Boulder, Colorado, 1974.

44. "On the Shakedown Limit of a Ship's Hull Girder", Journal of Ship Research, Vol. 19, No. 2, pp. 118-121, 1975.
45. "A Literature Review of the Dynamic Plastic Response of Structures", The Shock and Vibration Digest, Vol. 7, No. 8, pp. 89-105, 1975.
46. "Dynamic Plastic Buckling of Rings and Cylindrical Shells" (with D. M. Okawa), Nuclear Engineering and Design, Vol. 37, No. 1, pp. 125-147, 1976, presented at 3rd Int. Cong. on Structural Mechanics in Reactor Technology, London, 1975 and ELCALAP Seminar, Berlin, 1975
47. "On the Collision Protection of Ships", Nuclear Engineering and Design, Vol. 38, No. 2, pp. 229-240, 1976. Presented at ELCALAP Seminar, Berlin, 1975.
48. "Dynamic Behavior of Ideal Fibre-Reinforced Rigid-Plastic Beams", Journal of Applied Mechanics, Vol. 43, No. 2, pp.319-324,1976.
49. "Creep Buckling of a Complete Spherical Shell", Journal of Applied Mechanics, Vol. 43, No. 3, pp. 450-454, 1976.
50. "Plastic Failure of Ductile Beams Loaded Dynamically", Trans. A.S.M.E., Journal of Engineering for Industry, Vol. 98, Series B, No. 1, pp. 131-136, 1976.
51. "On the Creep Buckling of a Long Cylindrical Shell (with P. F. Sullivan), International Journal of Mechanical Sciences, Vol. 18, pp. 209-213, 1976.
52. "A Study of the Higher Modal Dynamic Plastic Response of Beams" (with T. Wierzbicki), International Journal of Mechanical Sciences, Vol. 18, pp. 533-542, 1976.
53. "Plastic Behavior of Ship Structures", Transactions, Society of Naval Architects and Marine Engineers, Vol. 84, pp. 115-145, 1976.
54. "Impulsive Loading of an Ideal Fibre-Reinforced Rigid-Plastic Beam (with F. Laudiero), Journal of Structural Mechanics, Vol. 5, No. 4, pp. 369-382, 1977.
55. "Damage Estimates for Plating of Ships and Marine Vehicles", International Symposium on Practical Design in Shipbuilding, Society of Naval Architects of Japan, Tokyo, pp. 121-128, 1977.
56. "Limit Loading of Cylindrical Shells Subjected to Local Circumferential Bending Moments" (with R. Kitching and J. F. Hughes), International Journal of Mechanical Sciences, Vol. 20, No. 2, pp. 61-81, 1978.
57. "Higher Modal Dynamic Plastic Behavior of Beams Loaded Impulsively" (with C.A.P. Guedes Soares), International Journal of Mechanical Sciences, Vol. 20, No. 3, pp. 135-147, 1978.
58. "Recent Progress in the Dynamic Plastic Behavior of Structures", The Shock and Vibration Digest, Part 1, Vol. 10, No. 9, pp. 21-33, 1978. Part 2, Vol. 10, No. 10, pp. 13-19, 1978.

59. "Some Remarks on the Influence of Transverse Shear on the Plastic Yielding of Structures" (with J. G. de Oliveira), International Journal of Mechanical Sciences, Vol. 20, No. 11, pp. 759-765, 1978.
60. "The Influence of Rotatory Inertia and Transverse Shear on the Dynamic Plastic Behavior of Beams" (with J. G. de Oliveira), presented at 8th U.S. National Congress of 'Applied Mechanics, Los Angeles, 1978. Journal of Applied Mechanics, Vol. 46, No. 2, pp. 303-310, 1979.
61. "A Numerical Procedure for the Dynamic Plastic Response of Beams with Rotatory Inertia and Transverse Shear Effects" (with J. G. de Oliveira), Journal of Structural Mechanics, Vol. 7, No. 2, pp. 193-230, 1979.
62. "A Literature Survey on the Collision and Grounding Protection of Ships", Ship Structure Committee, Report SSC-283, 1979.
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5. Professor Norman Jones Honoring Symposium on Impact Engineering. ASME 2016, 35th International Conference on Ocean, Offshore and Arctic Engineering (OMAE 2016), June 19-24, 2016, Busan, South Korea.