
References

1. *Analysis References: SAP 2000*. Version 8.1.2. 2003. Berkeley, California, USA: Computers and Structures, Inc.
2. Andreas, A., Hakan, S. and Raid, K. n.d. "Evaluating Cable Forces in Cable Supported Bridges Using the Ambient Vibration Method".
3. Berger, H. 2004. "Fabric Structures in architecture: Their past and their future". *Structure magazine*, November. P 26-30
4. Caetano, E. de S. 2007. "Cable Vibrations in Cable-Stayed Bridges". *Structural engineering documents*. Zurich, Switzerland: IABSE-AIPC-IVBH.
5. Curves in engineering: Catenary and Parabola.
<http://www.brantacan.org.uk/engcurves.htm>. [accessed 12th March 2008]
6. Dass, H. K. 2006. *Advanced Engineering Mathematics*, 15th ed. New Delhi, India: S. Chand & Company Ltd.
7. Feng, P., Ye, L.P. & Bao, R. nd. *Development and analysis of the large-span FRP woven web structure*. Natural Science Foundation of China.
8. Fertis, Demeter G. 1993. *Nonlinear Mechanics*. Florida, USA: CRC Press.
9. Gavin H. 2006. "Lecture notes: CE-131- Matrix Structural Analysis: Large Deformation Analysis of Planar Trusses". Duke University, USA.
10. Gavin, H. 2006. "Lecture notes of CE-131: Matrix Structural Analysis: Large Deformation Analysis of Planar Frames". Duke University, USA.
11. Ghali, A., Neville, A. M. and Brown, T. G. 2003, *Structural Analysis: A Unified Classical and Matrix Approach*, 5th ed. USA and Canada: Spon Press.

-
12. Irvine M. 1993. "Local Bending Stresses in Cables". *International Journal of Offshore and Polar Engineering*. September.
13. Kaljevic, I., Patnaik, S. N. and Hopkins, D. A. 1996. "Elementary library for three-dimensional stress analysis by integrated force method". *NASA Technical Memorandum*. <http://gltrs.grc.nasa.gov>. [accessed 20th August 2007].
14. Kloiber, L. A., Eckmann D. E., Meyer T. R., and Hautzinger, S. J. 2004. Design Considerations in Cable-Stayed Roof Structures, NASCC Proceedings.
15. Kuldeep S. V. 2006. "Finite Difference Method for Nonlinear Analysis of Structures". *Journal of Constructional Steel Research* 62. 1210-1218.
16. Kunkel, Paul. 2006. Hanging with Galileo.
<http://whistleralley.com/hanging/hanging.htm>. [accessed 12th March 2008]
17. Mackerle J. 1997. "Finite Element Linear and Nonlinear, Static and Dynamic Analysis of Structural Elements: a Bibliography (1992-1995)". *Engineering Computations* 14. 4: 347-440.
18. *Maple User Manual: Version 9.5*. 2004. Canada: Maplesoft, a Division of Waterloo Maple inc,
19. *Matlab Documentation: 6.5*. Release 13. 2002. USA: The Math Works Inc,
20. Mitsugi, J. and Yasakat, T. 1990. "Nonlinear Static and Dynamic Analysis Method of Cable Structures". *AIAA Journal*. P- 150.
21. Murthy, S. S. and Santhakumar, A. R. 1990. *Transmission Line Structures*. Singapore: McGraw-Hill Book Co.

22. Patnaik, S. N., Hopkins, D. A. and Halford, G. R. 2004. *Integrated Force Method Solution to Indeterminate Structural Mechanics Problems*. NASA/ TP. <http://gltrs.grc.nasa.gov>. [accessed 20th August 2007].
23. Raju, N. R. B. K. and Nagabhushanam, J. 2000, “Nonlinear Structural Analysis Using Integrated Force Method”. *Sadhana* 25. August. 353-365.
24. Rubeis, M. K. 2001. “Development of 13m Cable Experiment”. *Journal of Undergraduate Study and Independent Research* 2. Winter. 1-11
25. Schulz, M. and Filippou, F. C. 2001. “Non-linear spatial Timoshenko beam element with curvature interpolation”. *International Journal for Numerical Methods in Engineering* 50. P 761-785.
26. Scott, J. H. 2006. *Lecture Notes: BME / ME 456: Biomechanics: Large Deformation Mechanics*. University of New South Wales, Australia: <http://www.wngin.umich.edu/class/bme456/largedef/largedef.htm>. [accessed 12th December 2006]
27. Scott, J. H. 2006. *Lecture Notes: BME 456: Biosolid Mechanics: Modeling and Applications*. University of New South Wales, Australia: <http://www.wngin.umich.edu/class/bme456/ch3strain/bme456straindef.htm>. [accessed 12th December 2006]
28. Simpson, M and King, M. 2003. “Building in tension”. *Modern Steel Construction*. December.
29. Sivaselvan M. V. and Reinhorn A.M. 2002. “Collapse Analysis: Large Inelastic Deformation Analysis of Planar Frames”. *Journal of Structural Engineering*. December. 1575-1582.
30. Strasky, K. Y. 2006. *Stress Ribbon and Cable Supported Pedestrian Bridges*. Academy of Sciences of the Czech Republic.

-
31. Varum, H. and Cardoso, R. J. S. 2005. "A Geometrical Nonlinear Model for Cable System Analysis". *International Conference on Textile and Inflatable Structures*, CIMNE, Stuttgart, 2005.
 32. Vignarajah, M. 2004. Finite Element Nonlinear Analysis of Cables. M.Phil Thesis, University of Peradeniya.
 33. Vinicius F. A. 2002, "A simple procedure for analysis of cable network structures". Published in the Proceedings of the Fifth International Conference on Space Structures. Thomas Telford Publishers.
 34. Wang, Shuqing. n.d. "Static and stability analysis of long-span cable stayed steel bridges".
 35. Wilson E. L. 2002. *Three Dimensional Static and Dynamic Analysis of Structures*. Berkeley, California, USA: Computers and Structures, Inc.
 36. 3D-XplorMath project. Catenary. <http://rsp.math.brandeis.edu/3D-XplorMath/index.html>. [accessed 12th March 2008]