BIBLIOGRAPHY

- Arbabi, F. (1991) Structural Analysis and Behavior. New York: McGraw-Hill.
- 2. Bathe, K. J. (1982) Finite Element Procedures in Engineering Analysis. Englewood Cliffs, NJ: Prentice-Hall.
- Beaufait, F. W., W. M. Rowan, Jr., P. G. Hoadley, and R. M. Hackett. (1970) Computer Methods of Structural Analysis. Englewood Cliffs, NJ: Prentice-Hall.
- Beer, F. P., and E. R. Johnston, Jr. (1981) Mechanics of Materials. New York: McGraw-Hill.
- 5. Betti, E. (1872) II Nuovo Cimento. Series 2, Vols. 7 and 8.
- Boggs, R. G. (1984) Elementary Structural Analysis. New York: Holt, Rinehart & Winston.
- Chajes, A. (1990) Structural Analysis. 2nd ed. Englewood Cliffs, NJ: Prentice Hall.
- Chrisfield, M. A. (1991) Non-linear Finite Element Analysis of Solids and Structures, Volume 1: Essentials. New York: John Wiley & Sons.
- Chrisfield, M. A. (1997) Non-linear Finite Element Analysis of Solids and Structures, Volume 2: Advanced Topics. New York: John Wiley & Sons.
- Dawe, D. J. (1984) Matrix and Finite Element Displacement Analysis of Structures. New York: Oxford University Press
- **11.** Elias, Z. M. (1986) *Theory and Methods of Structural Analysis*. New York: John Wiley & Sons.
- **12.** Gere, J. M., and W. Weaver, Jr. (1965) *Matrix Algebra for Engineers*. New York: Van Nostrand Reinhold.
- Hoit, M. (1995) Computer-Assisted Structural Analysis and Modeling. Englewood Cliffs, NJ: Prentice-Hall.
- **14.** Holzer, S. M. (1985) *Computer Analysis of Structures*. New York: Elsevier Science.
- **15.** Kanchi, M. B. (1981) *Matrix Methods of Structural Analysis*. New York: John Wiley & Sons.
- Kassimali, A. (1976) Nonlinear Static and Dynamic Analysis of Frames. Ph.D. dissertation, University of Missouri at Columbia, MO.
- Kassimali, A., and E. Bidhendi. (1988) Stability of Trusses under Dynamic Loads. *Computers & Structures* 29(3): 381–392.

- **18.** Kassimali, A. (2010) *Structural Analysis*. 4th ed. Cengage Learning.
- **19.** Kennedy, J. B., and M. K. S. Madugula. (1990) *Elastic Analysis of Structures: Classical and Matrix Methods*. New York: Harper & Row.
- Laible, J. P. (1985) Structural Analysis. New York: Holt, Rinehart & Winston.
- **21.** Langhaar, H. L. (1962) Energy Methods in Applied Mechanics. New York: John Wiley & Sons.
- 22. Laursen, H. A. (1988) Structural Analysis. 3rd ed. New York: McGraw-Hill.
- Leet, K. M. (1988) Fundamentals of Structural Analysis. New York: Macmillan.
- **24.** Logan, D. L. (1992) A First Course in the Finite Element *Method*. 2nd ed. Boston: PWS-Kent.
- **25.** McCormac, J., and R. E. Elling. (1988) *Structural Analysis: A Classical and Matrix Approach*. New York: Harper & Row.
- McGuire, W., R. H. Gallagher and R. D. Ziemian. (2000) *Matrix Structural Analysis*. 2nd ed. New York: John Wiley & Sons.
- Maney, G. A. (1915) Studies in Engineering. Bulletin 1. Minneapolis: University of Minnesota.
- 28. Martin, H. C., and G. F. Carey. (1973) *Introduction to Finite Element Analysis—Theory and Application*. New York: McGraw-Hill.
- **29.** Maxwell, J. C. (1864) On the Calculations of the Equilibrium and Stiffness of Frames. *Philosophical Magazine* 27:294–299.
- **30.** Meyers, V. J. (1983) *Matrix Analysis of Structures*. New York: Harper & Row.
- **31.** Noble, B. (1969) *Applied Linear Algebra*. Englewood Cliffs, NJ: Prentice-Hall.
- **32.** Norris, C. H., J. B. Wilbur, and S. Utku. (1991) *Elementary Structural Analysis*. 4th ed. New York: McGraw-Hill.
- **33.** Oran, C., and A. Kassimali. (1976) Large Deformations of Framed Structures under Static and Dynamic Loads. *Computers & Structures* 6: 539–547.
- **34.** Paz, M. (1991) *Structural Dynamics—Theory and Computation*. 3rd ed. New York: Van Nostrand Reinhold.

- 35. Pilkey, W. D., and W. Wunderlich. (1994) *Mechanics of Structures—Variational and Computational Methods*. Boca Raton, FL: CRC Press.
- Popov, E. P. (1968) Introduction to Mechanics of Solids. Englewood Cliffs, NJ: Prentice-Hall.
- **37.** Ross, C. T. F. (1985) *Finite Element Methods in Structural Mechanics*. West Sussex, England: Ellis Horwood.
- **38.** Rubinstein, M. F. (1966) *Matrix Computer Analysis of Structures*. Englewood Cliffs, NJ: Prentice-Hall.
- Sack, R. L. (1989) Matrix Structural Analysis. Boston: PWS-Kent.
- **40.** Seely, F. B., and J. O. Smith. (1967) *Advanced Mechanics of Materials*. 2nd ed. New York: John Wiley & Sons.
- **41.** Smith, J. C. (1988) *Structural Analysis*. New York: Harper & Row
- **42.** Tartaglione, L. C. (1991) *Structural Analysis*. New York: McGraw-Hill.
- Tena-Colunga, A. (1996) Stiffness Formulation for Nonprismatic Elements. *Journal of Structural Engineering*, ASCE 122(12): 1484–1489.
- **44.** Tezcan, S. S. (1963) Discussion of "Simplified Formulation of Stiffness Matrices," by P. M. Wright. *Journal of the Structural Division, ASCE* 89(6): 445–449.
- **45.** Tezcan, S. S. (1968) Discussion of "Numerical Solution of Nonlinear Structures," by T. J. Poskitt. *Journal of the Structural Division, ASCE* 94(6): 1617.

- **46.** Tezcan, S. S., and B. C. Mahapatra. (1969) Tangent Stiffness Matrix for Space Frame Members. *Journal of the Structural Division*, *ASCE* 95(6): 1257–1270.
- **47.** Timoshenko, S. P., and J. M. Gere. (1961) *Theory of Elastic Stability*. 2nd ed. New York: McGraw-Hill.
- **48.** Turner, J. J., R. W. Clough, H. C. Martin, and L. J. Topp. (1956) Stiffness and Deflection Analysis of Complex Structures. *Journal of Aeronautical Sciences* 23(9):805–823.
- **49.** Wang, C. K. (1973) *Computer Methods in Advanced Structural Analysis.* New York: Intext Press.
- Wang, C. K. (1983) Intermediate Structural Analysis. New York: McGraw-Hill.
- **51.** Wang, C. K. (1986) *Structural Analysis on Microcomputers*. New York: Macmillan.
- Weaver, W., Jr., and J. M. Gere. (1990) Matrix Analysis of Framed Structures. 3rd ed. New York: Van Nostrand Reinhold.
- 53. West, H. H. (1989) Analysis of Structures: An Integration of Classical and Modern Methods. 2nd ed. New York: John Wiley & Sons.
- **54.** Zienkiewicz, O. C. (1977) *The Finite Element Method*. 3rd ed. Berkshire, England: McGraw-Hill.