- 1. Parkinson, B. W., Spilker, J.J. Jr., *Global Positioning System: Theory and Applications, vols.* 1 and 2, American Institute of Aeronautics, 370 L'Enfant Promenade, SW, Washington, DC, 1996.
- 2. Bate, R. R., Meuller, D. D., White, J. E., *Fundamentals of Astrodynamics*, Dover Publications, New York, 1971
- 3. "Department of Defense World Geodetic System, 1984 (WGS-84), its definition and relationships with local geodetic systems," DMA-TR-8350.2, Defense Mapping Agency, September 1987.
- 4. Kaplan, E. D., ed., *Understanding GPS Priciples and Applications*, Artech House, Norwood, MA, 1996.
- 5. Gold, R., "Optimal binary sequences for spread spectrum multiplexing." *IEEE Trans. On Information Theory*, vol. 13, October 1967.
- 6. Ziemer, R. E., Peterson, R. L., *Digital Communications and Spread Spectrum Systems*, New York, 1985.
- 7. Peterson, R. L., Ziemer, R. E., Borth, D. E., *Introduction to Spread Specturm Communications*, Prentice-Hall, New Jersey, 1995.
- 8. Ogata, K., Modern Control Engineering Second Edition, Prentice-Hall, New Jersey, 1990
- 9. Misra, P., Enge P., *Global Positioning System: Signals, Measurements, and Performance*, Ganga-Jumuna Press, Lincoln, Massachusetts, 2001.
- 10. Tsui, J. B. Y., Fundamentals of Global Positioning Receivers, A Software Approach, John Wiley & Sons, Inc., New York, 2000.
- 11. Brown, R. G., Hwang, P. Y. C., *Introduction to Random Signals and Apllied Kalman Filtering, Second Edition*, John Wiley & Sons, New York, 1992.
- 12. Gelb, A. ed., *Applied Optimal Estimation*, The M.I.T. Press, Massachusetts Institute of Technology, Cambridge Massachusetts, 1996.
- 13. Golub G. H., Van Loan, C. F., *Matrix Computations, Third Edition*, The Johns Hopkins University Press, Baltimore and London, 1996.
- 14. Symon, K. R., *Mechanics*, Third Edition, Addison-Wesley, Reading, Massachusetts, 1971.
- 15. Franklin, G. F., Powell, J. D., Emami-Naeini, A., *Feedback Control of Dynamic Systems*, Addison-Wesley, Reading Massachusetts, 1987.
- 16. Bowick, C., RF Circuit Design, SAMS, Carmel, Indiana, 1995.
- 17. Straw, R. D. ed., The ARRL Antenna Book, The American Radio Relay League, Newington, CT, 1994.
- 18. Wylie, C. R., Barrett, L. C., Advanced Engineering Mathematics, McGraw-Hill Publishing Company, New York, 1982.
- 19. Lorrain, P., Corson, D., *Electromagnetic Fields and Waves*, W. H. Freeman and Company, San Francisco, 1970.
- 20. Jackson, J. D., Classical Electrodynamics, John Wiley & Sons, New York, 1975.
- 21. Hill, F. J., Peterson, G. R., *introduction to Switching Theory and Logical Design, Second Edition*, John Wiley & Sons, New York, 1974.
- 22. Davidoff, M., *The Satellite experimenter's Handbook, Second Edition*, The American Radio Relay League, Newington, CT, 1990.
- 23. Hamming, R. W., *Digital Filters, Third Edition*, Dover Publications, Inc., Mineola, New York, 1989
- 24. Press, W., Teukolsky, S., Vetterling, W., Flannery, B., *Numerical Recipes in C*, Cambridge University Press, Melbourne, 1997.

- 25. United States Department of Defense, *Global Positioning System Standard Positioning Service Performance Standard*, Pentagon, Washington D.C., 2001.
- 26. Rubini, A., Corbet, J., *Linux Device Drivers*, O'Reilly & Associates, Inc., Sebastopol, California, 2001.
- 27. Siever, E., Figgins, S., Weber, A., *Linux In A Nutshell, A Desktop Quick Refereence*, O'Reilly & Associates, Inc., Sebastopol, California, 2003.
- 28. Schildt, H., C: The Complete Reference, Fourth Edition, Osborne/McGraw-Hill, 2000.
- 29. Schildt, H., C++: The Complete Reference, Fourth Edition, Osborne/McGraw-Hill, 2003.
- 30. Papoulis, A., *Probability, Random Variables, and Stochastic Processes*, McGraw-Hill Book Company, New York, 1984.
- 31. Whalen, A.D., Detection of Signals in Noise, Academic Press, Inc, New York, 1971.
- 32. Spilker, J.J. Jr., Digital Communications by Satellite, Prentice-Hall, New Jersey, 1995.
- 33. Gagliardi, R.M., *Satellite Communications*, *Second Edition*, University of Southern California