References and Further Reading

References

AIAA, 2010. Guide to Reference and Standard Atmosphere Models. American Institute of Aeronautics and Astronautics

Bar-Itzhack, I.Y., 2000. New method for extracting the quaternion from the rotation matrix. J. Guid. Control Dynam. 23 (6), 1085–1087.

Bate, R.R., Mueller, D., White, J.E., 1971. Fundamentals of Astrodynamics. Dover.

Battin, R.H., 1999. An Introduction to the Mathematics and Methods of Astrodynamics. Revised Edition. AIAA Education Series.

Beyer, W.H. (Ed.), 1991. Standard Mathematical Tables and Formulae, twenty ninth ed. CRC Press.

Bond, V.R., Allman, M.C., 1996. Modern Astrodynamics: Fundamentals and Perturbation Methods. Princeton University Press.

Boulet, D.L., 1991. Methods of Orbit Determination for the Microcomputer. Willmann-Bell.

Butcher, J.C., 2003. Numerical Methods for Ordinary Differential Equations. Wiley.

Coriolis, G., 1835. On the equations of relative motion of a system of bodies. J. Éc. Polytech. 15 (24), 142–154.

Fehlberg, E., 1969. Low-Order Classical Runge-Kutta Formulas with Stepsize Control and Their Application to Some Heat Transfer Problems. NASA Technical Report, NASA TR R-315.

Fortescue, P., Graham, S., Stark, J. (Eds.), 2011. Spacecraft Systems Engineering, fourth ed. Wiley.

Garcia, D., 2010. Robust smoothing of gridded data in one and higher dimensions with missing values. Comput. Stat. Data Anal. 54, 1167–1178.

Hahn, B.D., 2002. Essential MATLAB® for Scientists and Engineers, second ed. Butterworth-Heinemann.

Hale, F.J., 1994. Introduction to Space Flight. Prentice-Hall.

Hohmann, W., 1925. The Attainability of Celestial Bodies. R. Oldenbourg (in German).

Kaplan, M.H., 1976. Modern Spacecraft Dynamics and Control. Wiley.

Kermit, S., Davis, T.A., 2002. MATLAB Primer, sixth ed. Chapman & Hall/CRC.

Kuipers, J.P., 1999. Quaternions and Rotation Sequences. Princeton University Press.

Likins, P.W., 1967. Attitude stability criteria for dual spin spacecraft. J. Spacecr. Rockets 4 (12), 1638–1643.

Lorenz, E.N., 1963. Deterministic nonperiodic flow. J. Atmos. Sci. 20 (3), 130–141.

Magrab, E.B. (Ed.), 2000. An Engineer's Guide to MATLAB®. Prentice-Hall.

Montenbruck, O., Eberhard, G., 2000. Satellite Orbits: Models, Methods and Applications. Springer.

NASA Goddard Space Flight Center, 2003. National Space Science Data Center. http://nssdc.gsfc.nasa.gov.

National Almanac Office, 2013. The Astronomical Almanac for the Year 2013. GPO.

Nise, N.S., 2003. Control Systems Engineering, fourth ed. Wiley.

NOAA/NASA/USAF, 1976. U.S. Standard Atmosphere, 1976. GPO.

Palm, W.J., 1983. Modeling, Analysis and Control of Dynamic Systems. Wiley.

Pisacane, V.L. (Ed.), 2005. Fundamentals of Space Systems, second ed. Oxford University Press.

Prussing, J.E., Conway, B.A., 2013. Orbital Mechanics, second ed. Oxford University Press.

Schaub, H., Junkins, J.L., 2009. Analytical Mechanics of Space Systems, second ed. AIAA Education Series.

Seidelmann, P.K. (Ed.), 2013. Explanatory Supplement to the Astronomical Almanac. University Science Books.

Sidi, M.J., 1997. Spacecraft Dynamics and Control. Cambridge University Press.

Standish, E.M., Williams, J.G., 2013. Orbital ephemerides of the sun, moon and planets. In: Seidelmann, P.K. (Ed.), Explanatory Supplement to the Astronomical Almanac. University Science Books, p. 338.

Vallado, D.A., 2007. Fundamentals of Astrodynamics and Applications, third ed. Microcosm Press and Springer. Wiesel, W.E., 2010. Spacecraft Dynamics, third ed. Aphelion Press.

Further Reading

Brown, C.D., 1998. Spacecraft Mission Design, second ed. AIAA Education Series.

Brown, C.D., 2002. Elements of Spacecraft Design. AIAA Education Series.

Chao, C.-C., 2005. Applied Orbit Perturbation and Maintenance. The Aerospace Press.

Chobotov, V.A., 1991. Spacecraft Attitude Dynamics and Control. Krieger.

Chobotov, V.A. (Ed.), 2002. Orbital Mechanics, third ed. AIAA Education Series.

Danby, J.M.A., 1988. Fundamentals of Celestial Mechanics, second ed. Willmann-Bell.

Escobal, P.R., 1976. Methods of Orbit Determination, second ed. Krieger.

Griffin, M.D., French, J.R., 1991. Space Vehicle Design. AIAA Education Series.

Gurzadyan, G.A., 2002. Space Dynamics. Taylor & Francis.

Hanson, A.J., 2006. Visualizing Quaternions. Elsevier.

Hill, P.P., Peterson, C.R., 1992. Mechanics and Thermodynamics of Propulsion. Addison-Wesley.

Hughes, P.C., 2004. Spacecraft Attitude Dynamics. Dover.

Isakowitz, S.J., Hopkins, J.B., Hopkins, J.P., 2004. International Reference Guide to Space Launch Systems. AIAA.

Kane, T.R., Likins, P.W., Levinson, D.A., 1983. Spacecraft Dynamics. McGraw-Hill.

Larson, W.J., Wertz, J.R. (Eds.), 1992. Space Mission Analysis and Design, second ed. Microcosm Press and Kluwer Academics Publishers.

Logsdon, T., 1998. Orbital Mechanics: Theory and Applications. Wiley.

McCuskey, S.W., 1963. Introduction to Celestial Mechanics. Addison-Wesley.

Meeus, J., 1998. Astronomical Algorithms, second ed. Willmann-Bell.

Moulton, F.R., 1970. An Introduction to Celestial Mechanics, second ed. Dover Publications.

Ogata, K., 2001. Modern Control Engineering, fourth ed. Prentice-Hall.

Pisacane, V.L., 2008. The Space Environment and Its Effects on Space Systems. AIAA Education Series.

Roy, A.E., 2005. Orbital Motion, fourth ed. Taylor & Francis.

Sellers, J.J., 1994. Understanding Space: An Introduction to Astronautics. McGraw-Hill.

Sutton, G.P., Biblarz, O., 2001. Rocket Propulsion Elements, seventh ed. Wiley.

Tewari, A., 2007. Atmospheric and Space Flight Dynamics. Birkhauser.

Thomson, W.T., 1986. Introduction to Space Dynamics. Dover Publications.

Tribble, A.C., 2003. The Space Environment. Princeton University Press.

Wertz, J.R., 1978. Spacecraft Attitude Determination and Control. Kluwer Academic Publishers.

Wiesel, W.E., 2010. Modern Astrodynamics, second ed. Aphelion Press.

Wiesel, W.E., 2010. Modern Orbit Determination, second ed. Aphelion Press.