

Bibliography

- Anderson, J. D., *Determination of the Masses of the Moon and Venus and the Astronomical Unit from Radio Tracking Data of the Mariner II Spacecraft*, Technical Report 32-816. Jet Propulsion Laboratory, Pasadena, Calif., July 1, 1967.
- Anderson, J. D., et al., "The Radius of Venus as Determined by Planetary Radar and Mariner V Radio Tracking Data," *J. Atmos. Sci.*, pp. 1171-1174, Sept. 25, 1968.
- Anderson, J. D., "Determination of Astrodynamic Constants and a Test of the General Relativistic Time Delay With S-Band Range and Doppler Data From Mariners 6 and 7," *Space Research*, Vol. XI, pp. 105-112, Akademie-Verlag, Berlin, 1971.
- Barnum, P. W., et al., *Tracking and Data System Support for the Mariner Mars 1971 Mission: Orbit Insertion Through End of Primary Mission*, Technical Memorandum 33-523, Vol. III. Jet Propulsion Laboratory, Pasadena, Calif., May 15, 1973.
- Bathker, D. A., *Predicted and Measured Power Density Description of a Large Ground Microwave System*, Technical Memorandum 33-433. Jet Propulsion Laboratory, Pasadena, Calif., Apr. 15, 1971.
- Berman, A. L., *Tracking System Data Analysis Report, Ranger VII Final Report*, Technical Report 32-719. Jet Propulsion Laboratory, Pasadena, Calif., June 1, 1965.
- Butman, S., "Rate Distortion Over Band-Limited Feedback Channels," *IEEE Trans. Inform. Theory*, Vol. IT-17, No. 1, pp. 110-112, Jan. 1971.
- Butman, S., and Timor, U., "Interplex—An Efficient Multichannel PSK/PM Telemetry System," *IEEE Trans. Commun.*, Vol. COM-20, No. 3, pp. 415-419, June 1972.
- Cain, D. L., and Hamilton, T. W., *Determination of Tracking Station Locations by Doppler and Range Measurements to an Earth Satellite*, Technical Report 32-534. Jet Propulsion Laboratory, Pasadena, Calif., Feb. 1, 1964.
- Carey, C. N., and Sjogren, W. L., "Gravitational Inconsistency in the Lunar Theory: Confirmation by Radio Tracking," *Science*, Vol. 160, pp. 875-876, April-June 1968.
- Chadwick, H. D., and Springett, J. C., "The Design of a Low Data Rate MSFK Communication System," *IEEE Trans. Commun. Technol.*, Vol. COM-18, No. 6, pp. 740-750, Dec. 1970.
- Clark, B. G., et al., "High Resolution Observations of Compact Radio Sources at 13 cm," *Astrophys. J.*, Vol. 161, pp. 803-809, Sept. 1970.
- Curkendall, D. W., and Stephenson, R. R., "Earthbased Tracking and Orbit Determination—Backbone of the Planetary Navigation System," *Astronaut. Aeronaut.*, Vol. 7, May 1970.
- Curkendall, D. W., "Planetary Navigation: The New Challenges," *Astronaut. Aeronaut.*, Vol. 7, May 1970.

Bibliography (contd)

- Downs, G. S., and Reichley, P. E., "Observations of Interstellar Scintillations of Pulsar Signals at 2388 MHz," *Astrophys. J.*, Vol. 163, No. 1, Pt. 2, pp. L11-L16, Jan. 1971.
- Downs, G. S., et al., "Mars Radar Observation, A Preliminary Report," *Science*, Vol. 174, No. 4016, pp. 1324-1327, Dec. 24, 1971.
- Efron, L., and Solloway, C. B., *Proceedings of the Conference on Scientific Applications of Radio and Radar Tracking in the Space Program, Technical Report 32-1475*. Jet Propulsion Laboratory, Pasadena, Calif., July 1970.
- Flanagan, F. M., et al., *Deep Space Network Support of the Manned Space Flight Network for Apollo: 1962-1968*, Technical Memorandum 33-452, Vol. I. Jet Propulsion Laboratory, Pasadena, Calif., July 1970.
- Flanagan, F. M., et al., *Deep Space Network Support of the Manned Space Flight Network for Apollo: 1969-1970*, Technical Memorandum 33-452, Vol. II. Jet Propulsion Laboratory, Pasadena, Calif., May 1, 1971.
- Fjeldbo, G., and Eshleman, V. R., "Radio Occultation Measurements and Interpretations," in *The Atmospheres of Venus and Mars*, p. 225. Gordon and Breach, Science Publishers, Inc., New York, N.Y.
- Georgevic, R. M., *Mathematical Model of the Solar Radiation Force and Torques Acting on the Components of a Spacecraft*, Technical Memorandum 33-494. Jet Propulsion Laboratory, Pasadena, Calif., Oct. 1, 1971.
- Goldstein, R. M., "Radar Time-of-Flight Measurements to Venus," *Astron. J.*, Vol. 73, No. 9, Aug. 1968.
- Goldstein, R. M., "Radar Observations of Mercury," *Astron. J.*, Vol. 76, No. 10, pp. 1152-1154, Dec. 1971.
- Gordon, H. J., et al., *The Mariner 6 and 7 Flight Paths and Their Determination From Tracking Data*, Technical Memorandum 33-469. Jet Propulsion Laboratory, Pasadena, Calif., Dec. 1, 1970.
- Gray, R. M., and Tausworthe, R. C., "Frequency-Counted Measurements, and Phase Locking to Noise Oscillators," *IEEE Trans. Commun. Technol.*, Vol. COM-19, No. 1, pp. 21-30, Feb. 1971.
- Gulkis, S., and Gary, B., "Circular Polarization and Total-Flux Measurements of Jupiter at 13.1 cm Wavelength," *Astron. J.*, Vol. 76, No. 1, pp. 12-16, Feb. 1971.
- Hall, J. R., *Tracking and Data System Support for Lunar Orbiter*, Technical Memorandum 33-450. Jet Propulsion Laboratory, Pasadena, Calif., Apr. 1970.
- Hamilton, T. W., et al., *The Ranger IV Flight Path and Its Determination From Tracking Data*, Technical Report 32-345. Jet Propulsion Laboratory, Pasadena, Calif., Sept. 15, 1962.
- Holmes, J. K., "First Slip Times Versus Static Phase Error Offset for the First and Passive Second-Order Phase-Locked Loop," *IEEE Trans. Commun. Technol.*, Vol. COM-19, No. 2, pp. 234-235, Apr. 1971.
- Holmes, J. K., and Tegnalia, C. R., *Digital Command System Second-Order Sub-carrier Tracking Performance*, Technical Report 32-1540. Jet Propulsion Laboratory, Pasadena, Calif., Oct. 1, 1971.

Bibliography (contd)

- Holmes, J. K., "Performance of a First Order Transition Sampling Digital Phase-Locked Loop Using Random-Walk Models," *IEEE Trans. Commun.*, Vol. COM-20, No. 2, pp. 119-131, Apr. 1972.
- Kliore, A., "Radio Occultation Measurements of the Atmospheres of Mars and Venus," in *The Atmospheres of Venus and Mars*, by J. C. Brandt and M. E. McElrow, p. 205. Gordon and Breach Science Publishers, Inc., New York, N.Y., 1968.
- Kliore, A. J., et al., "Summary of Mariner 6 and 7 Radio Occultation Results on the Atmosphere of Mars," *Space Research*, Vol. XI, pp. 165-175, Akademie-Verlag, Berlin, 1971.
- Labrum, R. G., et al., *The Surveyor V, VI, and VII Flight Paths and Their Determination from Tracking Data*, Technical Report 32-1302. Jet Propulsion Laboratory, Pasadena, Calif., Dec. 1, 1968.
- Laeser, R. P., et al., *Tracking and Data System Support for the Mariner Mars 1971 Mission: Prelaunch Phase Through First Trajectory Correction Maneuver*, Technical Memorandum 33-523, Vol. I. Jet Propulsion Laboratory, Pasadena, Calif., Mar. 15, 1972.
- Layland, J. W., and Lushbaugh, W. A., "A Flexible High-Speed Sequential Decoder for Deep Space Channels," *IEEE Trans. Commun. Technol.*, Vol. COM-19 No. 5, pp. 813-820, Oct. 1971.
- Leavitt, R. K., *The Least-Squares Process of MEDIA for Computing DRVID Calibration Polynomials*, Technical Memorandum 33-542. Jet Propulsion Laboratory, Pasadena, Calif., May 15, 1972.
- Lieske, J. H., and Null, G. W., "Icarus and the Determination of Astronomical Constants," *Astron. J.*, Vol. 74, No. 2, Mar. 1969.
- Lindsey, W. C., and Simon, M. K., "The Effect of Loop Stress on the Performance of Phase-Coherent Communication Systems," *IEEE Trans. Commun. Technol.*, Vol. COM-18, No. 5, pp. 569-588, Oct. 1970.
- Lindsey, W. C., and Simon, M. K., "Carrier Synchronization and Detection of Polyphase Signals," *IEEE Trans. Commun.*, Vol. COM-20, No. 3, pp. 441-454, June 1972.
- Lorell, J., and Sjogren, W. L., *Lunar Orbiter Data Analysis*, Technical Report 32-1220. Jet Propulsion Laboratory, Pasadena, Calif., Nov. 15, 1967.
- Lorell, J., *Lunar Orbiter Gravity Analysis*, Technical Report 32-1387. Jet Propulsion Laboratory, Pasadena, Calif., June 15, 1969.
- Lorell, J., et al., "Icarus: Celestial Mechanics Experiment for Mariner," *Int. J. Sol. Sys.*, Vol. 12, Jan. 1970.
- Ludwig, A. C., et al., *Gain Calibration of a Horn Antenna Using Pattern Integration*, Technical Report 32-1572. Jet Propulsion Laboratory, Pasadena, Calif., Oct. 1, 1972.
- McNeal, C. E., *Ranger V Tracking Systems Data Analysis Final Report*, Technical Report 32-702. Jet Propulsion Laboratory, Pasadena, Calif., Apr. 15, 1965.

Bibliography (contd)

- Melbourne, W. G., et al., *Constants and Related Information for Astrodynamical Calculations*, Technical Report 32-1306. Jet Propulsion Laboratory, Pasadena, Calif., July 15, 1968.
- Melbourne, W. G., "Planetary Ephemerides," *Astronaut. Aeronaut.*, Vol. 7, May 1970.
- Miller, L., et al., *The Atlas-Centaur VI Flight Path and Its Determination from Tracking Data*, Technical Report 32-911. Jet Propulsion Laboratory, Pasadena, Calif., Apr. 15, 1966.
- Moyer, T. D., *Mathematical Formulation of the Double-Precision Orbit Determination Program (DPODP)*, Technical Report 32-1527. Jet Propulsion Laboratory, Pasadena, Calif., May 17, 1971.
- Mulhall, B. D., et al., *Tracking System Analytic Calibration Activities for the Mariner Mars 1969 Mission*, Technical Report 32-1499. Jet Propulsion Laboratory, Pasadena, Calif., Nov. 15, 1970.
- Mulholland, J. D., and Sjogren, W. L., *Lunar Orbiter Ranging Data*, Technical Report 32-1087. Jet Propulsion Laboratory, Pasadena, Calif., Jan. 6, 1967.
- Mulholland, J. D., *Proceedings of the Symposium on Observation, Analysis, and Space Research Applications of the Lunar Motion*, Technical Report 32-1386. Jet Propulsion Laboratory, Pasadena, Calif., Apr. 1969.
- Muller, P. M., and Sjogren, W. L., *Consistency of Lunar Orbiter Residuals With Trajectory and Local Gravity Effects*, Technical Report 32-1307. Jet Propulsion Laboratory, Pasadena, Calif., Sept. 1, 1968.
- Muller, P. M., and Sjogren, W. L., *Lunar Mass Concentrations*, Technical Report 32-1339. Jet Propulsion Laboratory, Pasadena, Calif., Aug. 16, 1968.
- Null, G. W., et al., *Mariner IV Flight Path and Its Determination From Tracking Data*, Technical Report 32-1108. Jet Propulsion Laboratory, Pasadena, Calif., Aug. 1, 1967.
- O'Neil, W. J., et al., *The Surveyor III and Surveyor IV Flight Paths and Their Determination From Tracking Data*, Technical Report 32-1292. Jet Propulsion Laboratory, Pasadena, Calif., Aug. 15, 1968.
- Otoshi, T. Y., and Stelzried, C. T., "A Precision Compact Rotary Vane Attenuator," *IEEE Trans. Micro. Theor. Technique*, Vol. MTT-19, No. 11, pp. 843-854, Nov. 1971.
- Pease, G. E., et al., *The Mariner V Flight Path and Its Determination From Tracking Data*, Technical Report 32-1363. Jet Propulsion Laboratory, Pasadena, Calif., July 1, 1969.
- Renzetti, N. A., *Tracking and Data Acquisition for Ranger Missions I-V*, Technical Memorandum 33-174. Jet Propulsion Laboratory, Pasadena, Calif., July 1, 1964.
- Renzetti, N. A., *Tracking and Data Acquisition for Ranger Missions VI-IX*, Technical Memorandum 33-275. Jet Propulsion Laboratory, Pasadena, Calif., Sept. 15, 1966.

Bibliography (contd)

- Renzetti, N. A., *Tracking and Data Acquisition Support for the Mariner Venus 1962 Mission*, Technical Memorandum 33-212. Jet Propulsion Laboratory, Pasadena, Calif., July 1, 1965.
- Renzetti, N. A., *Tracking and Data Acquisition Report, Mariner Mars 1964 Mission: Near-Earth Trajectory Phase*, Technical Memorandum 33-239, Vol. I. Jet Propulsion Laboratory, Pasadena, Calif., Jan. 1, 1965.
- Renzetti, N. A., *Tracking and Data Acquisition Report, Mariner Mars 1964 Mission: Cruise to Post-Encounter Phase*, Technical Memorandum 33-239, Vol. II. Jet Propulsion Laboratory, Pasadena, Calif., Oct. 1, 1967.
- Renzetti, N. A., *Tracking and Data Acquisition Report, Mariner Mars 1964 Mission: Extended Mission*, Technical Memorandum 33-239, Vol. III. Jet Propulsion Laboratory, Pasadena, Calif., Dec. 1, 1968.
- Renzetti, N. A., *Tracking and Data System Support for Surveyor: Missions I and II*, Technical Memorandum 33-301, Vol. I. Jet Propulsion Laboratory, Pasadena, Calif., July 15, 1969.
- Renzetti, N. A., *Tracking and Data System Support for Surveyor: Missions III and IV*, Technical Memorandum 33-301, Vol. II. Jet Propulsion Laboratory, Pasadena, Calif., Sept. 1, 1969.
- Renzetti, N. A., *Tracking and Data System Support for Surveyor: Mission V*, Technical Memorandum 33-301, Vol. III. Jet Propulsion Laboratory, Pasadena, Calif., Dec. 1, 1969.
- Renzetti, N. A., *Tracking and Data System Support for Surveyor: Mission VI*, Technical Memorandum 33-301, Vol. IV. Jet Propulsion Laboratory, Pasadena, Calif., Dec. 1, 1969.
- Renzetti, N. A., *Tracking and Data System Support for Surveyor: Mission VII*, Technical Memorandum 33-301, Vol. V. Jet Propulsion Laboratory, Pasadena, Calif., Dec. 1, 1969.
- Renzetti, N. A., *Tracking and Data System Support for the Mariner Venus 67 Mission: Planning Phase Through Midcourse Maneuver*, Technical Memorandum 33-385, Vol. I. Jet Propulsion Laboratory, Pasadena, Calif., Sept. 1, 1969.
- Renzetti, N. A., *Tracking and Data System Support for the Mariner Venus 67 Mission: Midcourse Maneuver Through End of Mission*, Technical Memorandum 33-385, Vol. II. Jet Propulsion Laboratory, Pasadena, Calif., Sept. 1, 1969.
- Renzetti, N. A., *Tracking and Data System Support for the Pioneer Project. Pioneer VI. Prelaunch to End of Nominal Mission*, Technical Memorandum 33-426, Vol. I. Jet Propulsion Laboratory, Pasadena, Calif., Feb. 1, 1970.
- Renzetti, N. A., *Tracking and Data System Support for the Pioneer Project. Pioneer VII. Prelaunch to End of Nominal Mission*, Technical Memorandum 33-426, Vol. II. Jet Propulsion Laboratory, Pasadena, Calif., Apr. 15, 1970.
- Renzetti, N. A., *Tracking and Data System Support for the Pioneer Project. Pioneer VIII. Prelaunch Through May 1968*, Technical Memorandum 33-426, Vol. III. Jet Propulsion Laboratory, Pasadena, Calif., July 15, 1970.

Bibliography (contd)

- Renzetti, N. A., *Tracking and Data System Support for the Pioneer Project. Pioneer IX. Prelaunch Through June 1969*, Technical Memorandum 33-426, Vol. IV. Jet Propulsion Laboratory, Pasadena, Calif., Nov. 15, 1970.
- Renzetti, N. A., *Tracking and Data System Support for the Pioneer Project. Pioneer VI. Extended Mission: July 1, 1966–July 1, 1969*, Technical Memorandum 33-426, Vol. V. Jet Propulsion Laboratory, Pasadena, Calif., Feb. 1, 1971.
- Renzetti, N. A., *Tracking and Data System Support for the Pioneer Project. Pioneer VII. Extended Mission: February 24, 1967–July 1, 1968*, Technical Memorandum 33-426, Vol. VI. Jet Propulsion Laboratory, Pasadena, Calif., Apr. 15, 1971.
- Renzetti, N. A., *Tracking and Data System Support for the Pioneer Project. Pioneer VII. Extended Mission: July 1, 1968–July 1, 1969*, Technical Memorandum 33-426, Vol. VII. Jet Propulsion Laboratory, Pasadena, Calif., Apr. 15, 1971.
- Renzetti, N. A., *Tracking and Data System Support for the Pioneer Project. Pioneer VIII. Extended Mission: June 1, 1968–July 1, 1969*, Technical Memorandum 33-426, Vol. VIII. Jet Propulsion Laboratory, Pasadena, Calif., May 1, 1971.
- Renzetti, N. A., *Tracking and Data System Support for the Pioneer Project. Pioneers VI–IX. Extended Missions: July 1, 1969–July 1, 1970*, Technical Memorandum 33-426, Vol. IX. Jet Propulsion Laboratory, Pasadena, Calif., Aug. 15, 1971.
- Renzetti, N. A., and Siegmeth, A. J., *Tracking and Data System Support for the Pioneer Project. Pioneers 6–9. Extended Missions: July 1, 1971–July 1, 1972*, Technical Memorandum 33-426, Vol. XI. Jet Propulsion Laboratory, Pasadena, Calif., May 1, 1973.
- Siegmeth, A. J., Purdue, R. E., and Ryan, R. E., *Tracking and Data System Support for the Pioneer Project. Pioneers 6–9. Extended Missions: July 1, 1970–July 1, 1971*, Technical Memorandum 33-426, Vol. X. Jet Propulsion Laboratory, Pasadena, Calif., Aug. 15, 1972.
- Siegmeth, A. J., et al., *Tracking and Data System Support for the Pioneer Project: Pioneer 10–Prelaunch Planning Through Second Trajectory Correction December 4, 1969 to April 1, 1972*, Technical Memorandum 33-584, Vol. I. Jet Propulsion Laboratory, Pasadena, Calif., Apr. 1, 1973.
- Simon, M. K., "Nonlinear Analysis of an Absolute Value Type of an Early-Late Gate Bit Synchronizer," *IEEE Trans. Commun. Technol.*, Vol. COM-18, No. 5, pp. 589–596, Oct. 1970.
- Simon, M. K., and Lindsey, W. C., "Data-Aided Carrier Tracking Loops," *IEEE Trans. Commun. Technol.*, Vol. COM-19, No. 2, pp. 157–168, Apr. 1971.
- Simon, M. K., "On the Selection of an Optimum Design Point for Phase-Coherent Receivers Employing Bandpass Limiters," *IEEE Trans. Commun.*, Vol. COM-20, No. 2, pp. 210–214, Apr. 1972.
- Simon, M. K., "On the Selection of a Sampling Filter Bandwidth for a Digital Data Detector," *IEEE Trans. Commun.*, Vol. COM-20, No. 3, pp. 438–441, June 1972.

Bibliography (contd)

- Sjogren, W. L., et al., *The Ranger V Flight Path and Its Determination From Tracking Data*, Technical Report 32-562. Jet Propulsion Laboratory, Pasadena, Calif., Dec. 6, 1963.
- Sjogren, W. L., et al., *The Ranger VI Flight Path and Its Determination From Tracking Data*, Technical Report 32-605. Jet Propulsion Laboratory, Pasadena, Calif., Dec. 15, 1964.
- Sjogren, W. L., *The Ranger III Flight Path and Its Determination From Tracking Data*, Technical Report 32-563. Jet Propulsion Laboratory, Pasadena, Calif., Sept. 15, 1965.
- Sjogren, W. L., et al., *Physical Constants as Determined From Radio Tracking of the Ranger Lunar Probes*, Technical Report 32-1057. Jet Propulsion Laboratory, Pasadena, Calif., Dec. 30, 1966.
- Sjogren, W. L., *Proceedings of the JPL Seminar on Uncertainties in the Lunar Ephemeris*, Technical Report 32-1247. Jet Propulsion Laboratory, Pasadena, Calif., May 1, 1968.
- Sjogren, W. L., "Lunar Gravity Estimate: Independent Confirmation," *J. Geophys. Res.*, Vol. 76, No. 29, Oct. 10, 1971.
- Sjogren, W. L., et al., "Lunar Gravity via Apollo 14 Doppler Radio Tracking," *Science*, Vol. 175, No. 4018, pp. 165-168, Jan. 14, 1972.
- Spicer, G. W., *Design and Implementation of Models for the Double Precision Trajectory Program (DPTRAJ)*, Technical Memorandum 33-451. Jet Propulsion Laboratory, Pasadena, Calif., Apr. 15, 1971.
- Springett, J. C., and Simon, M. K., "An Analysis of the Phase Coherent-Incoherent Output of the Bandpass Limiter," *IEEE Trans. Commun. Technol.*, Vol. COM-19, No. 1, pp. 42-49, Feb. 1971.
- Stelzried, C. T., *A Faraday Rotation Measurement of a 13-cm Signal in the Solar Corona*, Technical Report 32-1401. Jet Propulsion Laboratory, Pasadena, Calif., July 15, 1970.
- Stelzried, C. T., et al., "The Quasi-Stationary Coronal Magnetic Field and Electron Density as Determined From a Faraday Rotation Experiment," *Sol. Phys.*, Vol. 14, No. 2, pp. 440-456, Oct. 1970.
- Stelzried, C. T., "Operating Noise-Temperature Calibrations of Low-Noise Receiving Systems," *Microwave J.*, Vol. 14, No. 6, pp. 41-46, 48, June 1971.
- Stelzried, C. T., et al., "Transformation of Received Signal Polarization Angle to the Plane of the Ecliptic," *J. Space. Rock.*, Vol. 9, No. 2, pp. 69-70, Feb. 1972.
- Tausworthe, R. C., "Simplified Formula for Mean-Slip Time of Phase-Locked Loops With Steady-State Phase Error," *IEEE Trans. Commun.*, Vol. COM-20, No. 3, pp. 331-337, June 1972.
- Textor, G. P., Kelly, L. B., and Kelly, M., *Tracking and Data System Support for the Mariner Mars 1971 Mission: First Trajectory Correction Maneuver Through Orbit Insertion*, Technical Memorandum 33-523, Vol. II. Jet Propulsion Laboratory, Pasadena, Calif., June 15, 1972.

Bibliography (contd)

- Thornton, J. H., Jr., *The Surveyor I and Surveyor II Flight Paths and Their Determination From Tracking Data*, Technical Report 32-1285. Jet Propulsion Laboratory, Pasadena, Calif., Aug. 1, 1968.
- Timor, U., "Equivalence of Time-Multiplexed and Frequency-Multiplexed Signals in Digital Communications," *IEEE Trans. Commun.*, Vol. COM-20, No. 3, pp. 435-438, June 1972.
- Vegos, C. J., et al., *The Ranger IX Flight Path and Its Determination From Tracking Data*, Technical Report 32-767. Jet Propulsion Laboratory, Pasadena, Calif., Nov. 1, 1968.
- Winn, F. B., *Selenographic Location of Surveyor VI, Surveyor VI Mission Report: Part II. Science Results*, Technical Report 32-1262. Jet Propulsion Laboratory, Pasadena, Calif., Jan. 10, 1968.
- Winn, F. B., "Post Landing Tracking Data Analysis," in *Surveyor VII Mission Report: Part II. Science Results*, Technical Report 32-1264. Jet Propulsion Laboratory, Pasadena, Calif., Mar. 15, 1968.
- Winn, F. B., "Post Lunar Touchdown Tracking Data Analysis," in *Surveyor Project Final Report: Part II. Science Results*, Technical Report 32-1265. Jet Propulsion Laboratory, Pasadena, Calif., June 15, 1968.
- Winn, F. B., *Surveyor Posttouchdown Analyses of Tracking Data*, NASA SP-184. National Aeronautics and Space Administration, Washington, D.C., p. 369.
- Wollenhaupt, W. R., et al., *The Ranger VII Flight Path and Its Determination From Tracking Data*, Technical Report 32-694. Jet Propulsion Laboratory, Pasadena, Calif., Dec. 15, 1964.