CUMULATIVE AUTHOR INDEX

A

ADRIAN, F. J.—See COCHRAN, E. L.

AKRIDGE, J. M.—See HILL, M. L.

— See POEHLER, T. O.

AVERY, W. H.—Status and Future Trends in High-Speed Chemical Propulsion, 4, 6, July–August 1965, pp. 2–9
— See HILL, M. L.
— and G. S. McMURRAY—Urban Transportation 8, 4, March–April 1969, pp. 2–16

B


BERGIN, T. G.—For A Space Prober, 2, 2, November–December 1962, p. 2

BILLERBECK, W. J.—See OAKES, J. B.

BILLIG, F. S. and G. L. DUGGER—External Burning in Supersonic Streams, 8, 2, November–December 1968, pp. 2–10

BIRD, J. F.—See MOWBRAY, G. H.

BITTNER, H. R.—See CHUBBUCK, J. G.

BOSTROM, C. O.—See WILLIAMS, D. J.

BOWERS, V. A.—See COCHRAN, E. L.

BRUCK, S. D.—The Domain of Polymeric Materials, 3, 2, November–December 1963, pp. 2–12

BUNT, E. A. and H. L. OLSEN—Plasma Arc Heating for Hypersonic Wind Tunnels, 1, 2, November–December 1961, pp. 16–18

C

CALHOON, T. G.—A New Digital Data Processor, 7, 4, March–April 1968, pp. 15–20

CHESTON, T. C.—Criteria for Conically Scanned Tracking Antennas, 1, 5, May–June 1962, pp. 12–18
— and E. J. LUOMA—Constant-K Lenses, 2, 4, March–April 1963, pp. 8–11

CHUBBUCK, J. G.—Small-Motion Biological Stimulator, 5, 5, May–June 1966, pp. 18–23


COTE, A. J., JR.—The Frog and the Radar Display, 1, 4, March–April 1962, pp. 8–14

D

DeHAAS, N.—See WESTENBERG, A. A.

DUGGER, G. L.—See BILLIG, F. S.

DUNNELL, C. A.—TRANET Doppler Tracking System, 6, 4, March–April 1967, pp. 17–23

E

ELDER, S. A.—Physicists and Fipple Flutes at APL, 3, 3, January–February 1964, pp. 15–18

EVANS, R. C.—The APL Resistance Welder and Its Role in Satellite Reliability, 5, 1, September–October 1965, pp. 2–7

F

FARRELL, R. A.—See HART, R. W.


FELDMAN, CHARLES and K. MOORJANI—Amorphous Semiconductors, 7, 3, January–February 1968, pp. 2–9

FISCHELL, R. E.—The TRAAC Satellite, 1, 3, January–February 1962, pp. 2–9
— Spin Control for Earth Satellites, 5, 1, September–October 1965, pp. 8–13
See Barnhart, P. W.


and —— Mass Spectrometry of Very Fast Chemical Reactions, 7, 6, July–August 1968, pp. 2–9

Friedman, G. E.—See Nagy, A. W.

Fristrom, R. M. and A. A. Westenberg—Fundamental Processes and Laminar Flame Structure, 1, 3, January–February 1962, pp. 10–15

See Wilson, W. E., Jr.

G

Garrison, J. B.—See Grant, D. G.


An Appreciation, 5, 5, May–June 1966, p. 2

Elements of Modern Culture: Science in the New Humanism, 7, 4, March–April 1968, pp. 2–10

Good, W. A.—A Scientist and His Hobby, 2, 3, January–February 1963, pp. 18–23

Goss, W. H.—George W. Gardiner and New Mexico State University, 1, 2, November–December 1961, pp. 20–21

Gott, V. L.—See Seamone, W.


Gray, E. P.—See Apel, J. R.


H


and B. W. Shaw—Frequency Monitoring and Nuclear Burst Detection: Some Aspects of VLF, 4, 4, March–April 1965, pp. 2–10

See Shaw, B. W.

Hallendorff, R. H.—A Method of Radome Compensation with Broadband Capability, 4, 1, September–October 1964, pp. 10–16


Hart, R. W.—Combustion Instability in Solid Rockets, 1, 6, July–August 1962, pp. 8–18


—— Theory of Nervous Regulation of Intracocular Pressure, 9, 4, March–April 1970, pp. 2–13

Henderson, R. W.—See Makofski, R. A.

Hicks, R. E.—Chemical Milling of Space Flight Hardware, 6, 4, March–April 1967, pp. 11–16

Hill, M. L.—Materials for Structural Use Above 3000 Degrees F, 3, 4, March–April 1964, pp. 2–13

—— Old Faithful, World Endurance Record Radioplane, 4, 5, May–June 1965, pp. 17–22

——, J. M. Akridge, and W. H. Avery—Thermal Insulation for Hypersonic Vehicles, 1, 6, July–August 1962, pp. 2–7


—— Fourier Transform Spectroscopy, 7, 2, November–December 1967, pp. 2–9

—— A Camera for Recording the Dynamic Blood Circulation of the Eye, 9, 2, November–December 1969, pp. 17–23

Hoffman, B. F.—See Seamone, W.

Hudson, R. L.—See Foner, S. N.


Hunt, R. J.—Availability Model for Shipboard Equipment, 2, 5, May–June 1963, pp. 9–16

J

Jacobs, L. A.—See Seamone, W.

Johns, R. J.—See Grant, D. G.

K

Katz, I.—Radar Reflectivity of the Earth’s Surface, 2, 3, January–February 1963, pp. 10–17

—— Ocean Wave Measurements, 4, 1, September–October 1964, pp. 2–6

—— Probing the Clear Atmosphere with Radar, 6, 1, September–October 1966, pp. 2–8

Kearns, J. P.—Missile-Wing Flutter Simulation, 2, 4, March–April 1963, pp. 12–16

Kelley, M. R.—The Terrier—A Capsule History
SCHROADER, 1.
--- and T. M. RANKIN-A
SCHUEMANN, RICH, R.
RIVELLO, R.
RIBLET, H.
RAEZER, D.-Design and Use of a Digital Rallye
Rand, R. M.-See Rivello, R. M.
Read, K. F.-See Oakes, J. B.
Reese, W. P.—The Reese Bros. Dragster, 4, 1,
Randolph, J. P., JR.—New Trends in Telemetry,
— See Rivello, R. M.
RIBLET, H. B.—Orchids and Photography, 7, 5,
RICH, R. P. and H. Shaw, Jr.—An Application of
—and T. M. Rankin—A Method of Analysis for Clamped-Free Cylindrical Shells, 3, 1, September–October 1963, pp. 19-23
SCHROADER, I. H.—A Scientist and His Hobby—Reflections of a Telescope Maker, 2, 6, July–August 1963, pp. 8-14
SCHUEMANN, W. G.—See Rankin, T. M.
Schultheis, A. C.—Experimental 3-D Radar Display, 2, 1, September–October 1962, pp. 2–9
Seamone, W.—Feedback Technique Improves Efficiency of Hydraulic Servos, 4, 2, November–December 1964, pp. 12–16
Shaw, B. W. and C. R. Haave—Frequency Monitoring of VLF Transmissions, 1, 5, May–June 1962, pp. 7–11
—— See Haave, C. R.
Shaw, H., JR.—See Rich, R. P.
SNIDER, L. M.—See Scott, D. D.
Staff Articles
A Correlator of Time Intervals Between Pulses, 5, 1, September–October 1965, pp. 14–15
A Photographic Essay of the APL Propulsion Research Laboratory, 8, 1, September–October 1968, pp. 10–16
An Electromechanical Time-Code Generator, 3, 2, November–December 1963, pp. 24–25
APL and the VT Fuze, 2, 1, September–October 1962, pp. 18–22
Damping Spring for Gravity-Stabilized Satellites, 2, 2, November–December 1962, pp. 20–21
Development of a Myoelectrically-Controlled Prosthesis, 8, 1, September–October 1968, pp. 17–18
Four-Channel Video Integrator, 2, 4, March–April 1963, pp. 20–21
Information Retrieval with a Small Computer, 2, 4, March–April 1963, pp. 17–19
Intermittent Thermometer, 1, 4, March–April 1962, p. 19
New Coaxial Cable Design, 2, 6, July–August 1963, pp. 18–19
On Improving the Chance of Hitting the Target, 5, 1, September–October 1965, pp. 17–18
P. Stewart Macaulay, 5, 5, May–June 1966, pp. 3-4
Polaris Fluid Magnetic Spring, 2, 1, September–October 1962, pp. 16–17
Radon Backscatter from Rain, 7, 6, July–August 1968, pp. 16–18
Self-Erecting Missile Fin, 4, 2, November–December 1964, pp. 17–18
Strength of High-Temperature Materials, 6, 1, September–October 1966, pp. 16–17
Summary of APL Satellites, 7, 4, March–April 1968, pp. 11–14
System for Checking Hazardous Electrical Circuits, 1, 2, November–December 1961, pp. 19–20
The Coupling That Went Into Space, 5, 3, January–February 1966, pp. 16–17
The Mobile Automaton, 2, 1, September–October 1962, pp. 15–16
Tilted-Disc Device, 1, 4, March–April 1962, pp. 20–21
Time Synchronization Between Remote Locations, 3, 4, March–April 1964, pp. 22–23
Translocation Backpack Systems, 9, 6, July–August 1970, pp. 9–10
Unique Microwave Switches, 1, 1, September–October 1961, p. 21
Welded Cordwood, Last Step in Conventional Circuits? 1, 1, September–October 1961, p. 20
Stone, A. M.—See Apel, J. R.
Stone, A. R.—See Shandor, M.
Swet, C. J.—Cornucopia in Space, 3, 1, September–October 1963, pp. 13–18
Swope, R. H.—See Parker, J. G.

T
Thompson, T.—Varactor Multipliers, 4, 2, November–December 1964, pp. 2–11
Thompson, W. S.—Low-Angle Beam Riding Over the Ocean, 1, 2, November–December 1961, pp. 10–15

U
unger, H. J.—Development of Infrared Spectrometer for Rocket Gas Analysis, 1, 4, March–April 1962, pp. 15–18

V
Veth, G. J.—Optical Soldering and Microelectronic Interconnections, 3, 3, January–February 1964, pp. 9–14
Vicars, R. J.—Survival in Metropolitan-Area Nuclear Attacks, 2, 5, May–June 1963, pp. 18–26

W
Waddell, M. C.—A Strategic Force Deterrence Model, 1, 1, September–October 1961, pp. 16–19
Walker, R. E.—See Shandor, M.
Weckesser, L. B.—See Suess, R. P.
Westenberg, A. A.—Applications of ESR to the Chemical Kinetics of Gases, 6, 1, September–October 1966, pp. 9–15
and N. DeHaas—High-Temperature Gas Transport Property Measurements by Source-Flow Method, 1, 4, March–April 1962, pp. 2–7
— See Fristrom, R. M.
— and G. Worsley—Translocation by Navigation Satellite, 5, 6, July–August 1966, pp. 2–10
Williams, D. J.—Albedo Neutron Conference Report, 3, 2, November–December 1963, pp. 25–26
— Studies of the Earth’s Outer Radiation Zone, 4, 6, July–August 1965, pp. 10–17
and C. O. Bostrom—The Earth’s Albedo Neutron Flux, 3, 4, March–April 1964, pp. 14–21
Willis, S. E., Jr.—Thermal Design of Current Navigation Satellites, 6, 2, November–December 1966, pp. 18–26
Worsley, G.—See Westerfield, E. E.
Wright, W. J.—The Engineer as an Individual, 7, 6, July–August 1968, pp. 10–15

Y
Yates, W. A.—See Knowles, L. G.

——— See HAAVE, C. R.

PUBLICATIONS
Compilation of principal recently published books and technical articles written by APL staff members.


The following two papers were presented at the AIAA Guidance, Control, and Flight Mechanics Conference, Santa Barbara, California, August 17–20, 1970:


ADDRESSES
Principal recent addresses made by APL staff members to groups and organizations outside the Laboratory.

The following four presentations of “Computer Animation” were made in Washington, D.C. by S. E. Anderson:

Office of Civil Defense, August 10, 1970;
Naval Research Laboratory, August 19, 1970;

The following two lectures were presented at the SIAM National Meeting, Denver, Colorado, July 1, 1970:
D. W. Fox and V. G. Sigillito, “Lower Bounds for the Radial Lithium Atom’s Lowest Eigenvalue”;

The following three papers were presented at the Society of Nuclear Medicine, Washington, D.C., July 10–12, 1970: