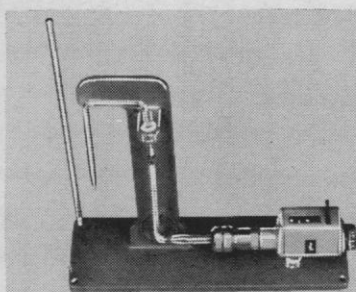
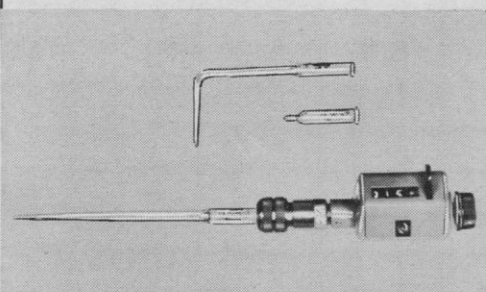


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Ashby and a lecture on dynamic programming, learning, and adaptive processes by Richard Bellman (Rand Corporation). Bellman pointed out some of the major problems in the study of learning and adaptation processes and some of the ways in which dynamic programming furnishes a natural bridge between classical and modern theories.

The symposium was cosponsored by the Technological Institute of Northwestern University and the Information Systems Branch of the Office of Naval Research. The co-chairmen were Julius T. Tou (Northwestern) and Richard H. Wilcox (ONR). In order to reach a much wider audience and to provide a source of permanent reference, the proceedings, edited by Tou, will be published in September by the Spartan Book Company.

JULIUS T. TOU

Computer Sciences Laboratory,
Technological Institute, Northwestern
University, Evanston, Illinois

Forthcoming Events

September

22-25. **Petroleum Mechanical Engineering Conf.**, Tulsa, Okla. (A. B. Conlin, Jr., 345 E. 47 St., New York 17)

22-25. **National Power Conf.**, Cincinnati, Ohio. (A. C. Hartranft, 1000 Chestnut St., Philadelphia, Pa.)

22-28. **Pan American Child Congr.**, 12th, Buenos Aires, Argentina. (Inter-American Children's Inst., 8 de Octubre No. 2882, Montevideo, Uruguay)

23-24. **Soc. of Plastics Engineers**, Worcester, Mass. (C. Campbell, 65 Prospect St., Stamford, Conn.)

23-25. **Tobacco Chemists**, 17th research conf., Montreal, Canada. (N. A. MacRae, Canada Dept. of Agriculture, Central Experimental Farm, Ottawa, Ont.)

23-27. **Aeronautic and Space Engineering and Manufacturing**, meeting and display, Los Angeles, Calif. (Soc. of Automotive Engineers, 485 Lexington Ave., New York 17)

23-27. **Telemetering**, 1st intern. conf., London, England. (F. G. McGavock, Box 5067, Pasadena, Calif.)

24. **Chemical Safety**, 7th workshop, New Orleans, La. (Manufacturing Chemists' Assoc., Inc., 1825 Connecticut Ave., NW, Washington, D.C.)

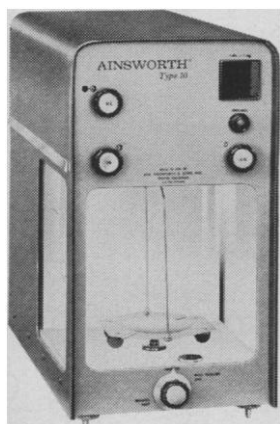
26-1. **Astronautics**, 14th intern. congr., Paris, France. (International Astronautical Federation, 12 rue de Gramont, Paris 2)

26-27. **Air Pollution Control Assoc.**, 3rd technical meeting, West Coast section, Monterey, Calif. (R. L. Weimer, 434 S. San Pedro St., Los Angeles 13, Calif.)

27-28. **Western Industrial Health**, 7th conf., San Francisco, Calif. (W. G. Bogan, Employers Mutual of Wausau, 114 Sansome St., San Francisco)

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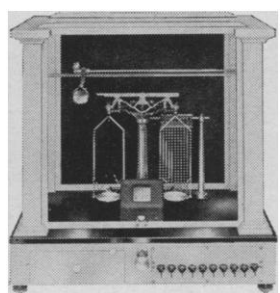
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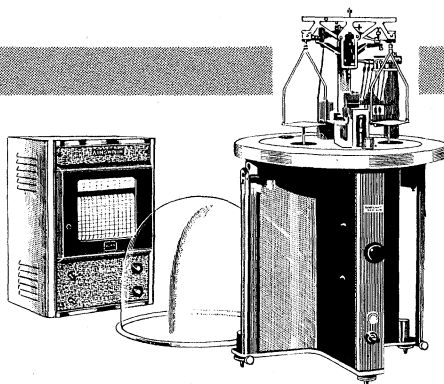
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Reproducibility	± 0.1 mg.	± 0.03 mg.	± 0.003 mg.

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29-2. American Inst. of **Chemical Engineers**, San Juan, Puerto Rico. (F. J. Van Antwerpen, AICE, 345 E. 47 St., New York 17)

29-3. **Electrochemical Soc.**, New York, N.Y. (Electrothermics and Metallurgy Div., 30 E. 42 St., New York 17)

30-1. Canadian **Electronics Conf.**, Toronto, Ont. (J. L. Yen, CEC, 1819 Yonge St., Toronto)

30-2. **Neurologic and Electroencephalographic Correlative Studies** in Infancy, intern. conf., Houston, Tex. (P. Kellaway, Dept. of Physiology, Baylor Univ. College of Medicine, Houston)

30-4. **Clay Minerals**, 12th conf., Atlanta, Ga. (W. E. Moody, School of Ceramic Engineering, Georgia Inst. of Technology, Atlanta 13)

30-4. Time of Flight, **Mass Spectrometer** symp., Cincinnati, Ohio. (D. C. Damoth, Bendix Corp., 3625 Hauck Rd., Cincinnati 41)

30-6. International Federation of **Documentation**, 29th conf., Stockholm, Sweden. (7 Hofweg, The Hague, Netherlands)

October

1-3. **Physics and Nondestructive Testing**, symp., San Antonio, Tex. (W. J. McGonagle, Southwest Research Inst., 8500 Culebra Rd., San Antonio 6)

1-3. **Space Electronics**, 8th annual symp., Miami Beach, Fla. (H. E. Weber, Martin Co., Orlando, Fla.)

1-4. **Animal Care Panel**, Los Angeles, Calif. (A.C.P., Box 1028, Joliet, Ill.)

1-4. **Aerospace Nuclear Safety**, 1st natl. topical meeting, Albuquerque, N.M. (A. J. Smith, Topical Meeting, Box 818, Kirkland Air Force Base, N.M.)

1-4. Electronics Research and Development for **Civil Aviation**, London, England. (Secretary, Inst. of Electrical Engineers, Savoy Pl., London W.C.2)

1-4. American Council of **Independent Laboratories**, Lincoln, Neb. (ACIL, 4302 East-West Highway, Washington, D.C.)

1-5. **Aviation and Cosmonautical Medicine**, 6th intern. congr., Rome, Italy. (Secretariat of the Congress, Centro di Studi e Ricerche di Medicina Aeronautica, Via P. Gobetti 2 a, Rome)

1-6. Microbiology of **Crude Oil**, intern. symp., Greifswald, Germany. (W. Schwartz, Institut für Mikrobiologie, Ludwig-Jahn-Str. 15, Greifswald)

3-4. Physics of **Optical Glass**, conf., Lathom, England. (Inst. of Physics and the Physical Soc., 47 Belgrave Sq., London S.W.1, England)

4-5. **Documentation**, intern. federation, Stockholm, Sweden. [Tekniska Litteratursällskapet (TLS) Rånhaamsvägen 12, Stockholm-Bromma 11]

4-5. **Muscular Dystrophy**, symp., Houston, Tex. (M. M. Guest, Dept. of Physiology, Univ. of Texas Medical Center, Galveston)

4-6. American Acad. of **Psychotherapists**, New York, N.Y. (H. Rockberger, 44 S. Munn Ave., East Orange, N.J.)

5. **Paleontological Research Inst.**, Ithaca, N.Y. (K. Caster, Geology Dept., Univ. of Cincinnati, Cincinnati, Ohio)

7-10. **Instruments and Research Equipment**, symp. and exhibit, 13th annual,

Bethesda, Md. (J. B. Davis, National Institutes of Health, Bethesda 14)

7-11. American Soc. of Civil Engineers, annual, San Francisco, Calif. (ASCE, 345 E. 47 St., New York 17)

7-11. Biological Effects of Neutron Irradiations, intern. symp., Upton, N.Y. (C. W. Pelzer, Div. of Special Projects, U.S. Atomic Energy Commission, Washington 25)

7-12. Communication, 11th intern. congr., Genoa, Italy. (Civico Instituto Colombiano, Palazzo Tursi, Genoa)

8-10. Analytical Chemistry in Nuclear Technology, 7th conf., Gatlinburg, Tenn. (C. D. Susano, Oak Ridge Natl. Lab., P.O. Box X, Oak Ridge, Tenn.)

5-6. New England Intercollegiate Geological Conf., Providence, R.I. (J. Rogers, Dept. of Geology, Yale Univ., Box 2161 Yale Station, New Haven, Conn.)

6-9. Process Engineers, annual, Hanover, Germany. (German Engineering Assoc., Rheingau Allee 25, Frankfurt-am-Main)

6-10. Water Pollution Control Federation, Seattle, Wash. (to be reconvened 13-16 Oct., Honolulu, Hawaii). (R. E. Furman, WPCF, 4435 Wisconsin Ave., NW, Washington, D.C.)

6-12. Clinical Pathology, 5th intern. congr., Mexico City, Mexico. (E. Cervera B., Asociacion Mexicana de Laboratorio Clinico, Durango 213, Mexico 7)

7. Pediatric Radiology, Montreal, P.Q., Canada. (R. G. Lester, Box 151, Medical College Station, Richmond, Va.)

8-10. Ciba Foundation Colloquium on Endocrinology and Aetiology of Diabetes Mellitus and Its Complications, London, England. (Ciba Foundation, 41 Portland Pl., London W.1)

8-10. Science and Engineering, 10th annual symp., U.S. Air Force Academy, Colo. (Maj. J. Shafer, RROND, U.S. Office of Aerospace Research, Washington, D.C.)

8-11. Electromagnetic Relays, intern. conf., Sendai, Japan. (C. F. Cameron, School of Electrical Engineering, Oklahoma State Univ., Stillwater)

8-11. American Roentgen Ray Soc., Montreal, P.Q., Canada. (American College of Radiology, 20 N. Wacker Dr., Chicago 6, Ill.)

8-12. Neurological Surgeons, 13th congr., Denver, Colo. (J. R. Russell, 1815 North Capitol Ave., Indianapolis 2, Ind.)

9. American Acad. of Arts and Sciences, Brookline, Mass. (R. W. Burhoe, American Acad. of Arts and Sciences, 280 Newton St., Brookline Station, Boston, Mass.)

9-11. Aerospace Electronics, exposition and conf., Los Angeles, Calif. (E. Niles, Aerospace Electrical Soc., 3540 Wilshire Blvd., Los Angeles 5)

9-13. Cytophotometry and Interference Microscopy, symp., Giessen, Germany. (W. Sandritter, Pathologisches Institut, Justus Liebig Universität, Giessen)

10-11. Bioassay and Analytical Chemistry, 9th conf., San Diego, Calif. (G. Bucolo, General Atomic Div., General Dynamics Corp., P.O. Box 608, San Diego 12)

10-11. Engineering conf., Long Beach, Calif. (Natl. Soc. of Professional Engineers, 2029 K St. NW, Washington, D.C. 20006)

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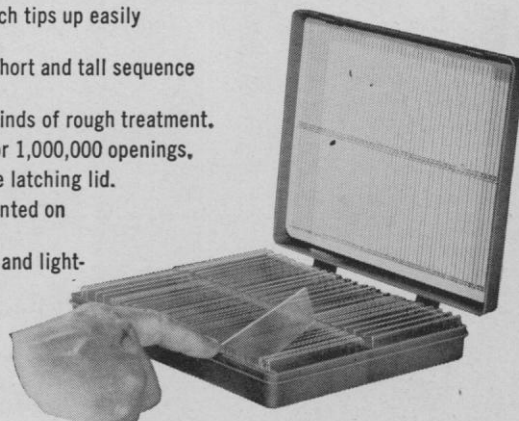
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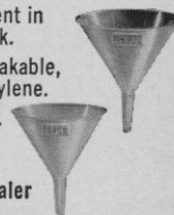
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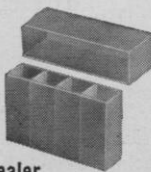
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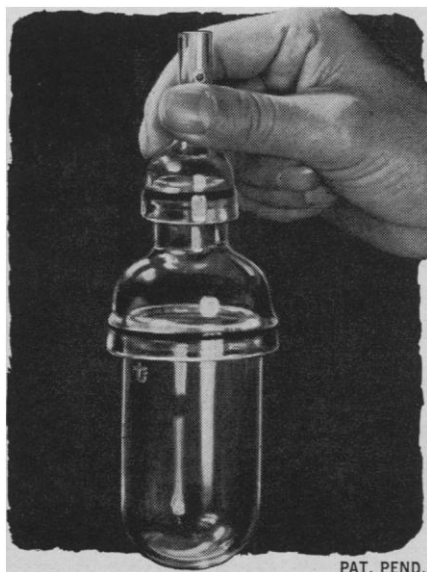
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10-11. **Kidney**, 15th annual conf., New York, N.Y. (Natl. Kidney Disease Foundation, 342 Madison Ave., New York 17)

10-11. **Lipid Transport**, intern. symp., Nashville, Tenn. (H. C. Meng, Vanderbilt Univ. School of Medicine, Nashville)

10-13. **American Soc. of Clinical Hypnosis**, 6th, San Francisco, Calif. (W. T. Heron, American Soc. of Clinical Hypnosis, 800 Washington Ave., SE, Minneapolis 14, Minn.)

13. **American College of Dentists**, Atlantic City, N.J. (O. W. Brandhorst, 4236 Lindell Blvd., St. Louis, Mo.)

13-17. **Neurosurgery**, 10th Latin American conf., Buenos Aires, Argentina. (R. Morea, Callao 1685, Buenos Aires)

13-18. **Society of Motion Picture and Television Engineers**, 94th technical conf., Boston, Mass. (H. J. Hall, Itek Corp., Lexington, Mass.)

13-18. **Plastic Surgery**, 3rd intern. congr., Washington, D.C. (Capt. Joseph Connelly, Bethesda Naval Hospital, Bethesda 14, Md.)

14-16. **Geological Sciences**, intern. union, Rome, Italy. (T. Sorgenfrei, Tranegaardsvej 20, Hellerup, Denmark)

14-16. **Systems and Procedures Assoc. of America**, intern., Milwaukee, Wis. (R. L. Irwin, 7890 Brookside Dr., Cleveland 38, Ohio)

14-18. **Audio Engineering Soc.**, 15th, New York, N.Y. (J. Harvey, Harvey Associates, 580 Fifth Ave., New York 36)

14-17. **Association of Official Agricultural Chemists**, Washington, D.C. (L. G. Ensminger, AOAC, Box 540, Benjamin Franklin Station, Washington 44)

14-18. **American Rocket Soc.**, 18th annual, New York, N.Y. (ARS, 500 Fifth Ave., New York 36)

14-19. **Anatomical Pathology**, 4th Latin American congr., San Salvador, El Salvador. (F. K. Mostofi, Armed Forces Inst. of Pathology, Washington 25)

15. **Oak Ridge Inst. of Nuclear Studies**, Oak Ridge, Tenn. (W. G. Pollard, ORINS, Oak Ridge)

15-16. **Reactor Operations**, symp., American Nuclear Soc., Ottawa, Ont., Canada. (ANS, 244 E. Ogden Ave., Hinsdale, Ill.)

15-17. **Progress in Metallography**, seminar, Leoben, Austria. (Eisenhütte Österreich, Eisenhütteninstitut, Montanistische Hochschule, Leoben)

15-18. **American Dietetic Assoc.**, 46th annual, Philadelphia, Pa. (ADA, 620 N. Michigan Ave., Chicago 11, Ill.)

16-18. **Ballistic Missile and Space Technology**, San Diego, Calif. (C. T. Morrow, Aerospace Corp., P.O. Box 95085, Los Angeles, Calif.)

16-18. **Calorimetry**, 19th conf., Bartlesville, Okla. (G. T. Armstrong, Natl. Bureau of Standards, Washington, D.C.)

16-18. **Gaseous Electronics**, 16th annual conf., Pittsburgh, Pa. (G. J. Schulz, Westinghouse Research and Development Center, Pittsburgh 35)

16-18. **American Vacuum Soc.**, 10th natl. symp., Boston, Mass. (AVS, Box 1282, Boston 4)

17-18. **Industrial Hydraulics**, natl. conf., Chicago, Ill. (E. Hansen, Illinois Inst. of Technology, Chicago 16)

17-18. **American Soc. of Tool and Manufacturing Engineers**, Pittsburgh, Pa.

(H. E. Conrad, 10700 Puritan Ave., Detroit, Mich.)

17-19. **Society of Photographic Scientists and Engineers**, Washington, D.C. (E. Ostroff, SPSE, Box 1609, Main Post Office, Washington, D.C.)

17-20. **British Medical Assoc.**, annual clinical meeting, Stoke on Trent, England. (D. Gullick, BMA, Tavistock Sq., London W.C.2, England)

17-22. **Anglo-American Aeronautical Conf.**, Cambridge, Mass., and Montreal, Canada. (American Inst. of Aeronautics and Astronautics, 500 Fifth Ave., New York, N.Y.)

18-19. **American Soc. of Ophthalmologic and Otolaryngologic Allergy**, New York, N.Y. (J. Hampsey, Grant Bldg., Pittsburgh 19, Pa.)

18-19. **American Physical Soc.**, Chicago, Ill. (K. K. Darrow, American Physical Soc., Columbia Univ., New York 27)

19. **Research in Blindness and Severe Visual Impairment**, symp., New York, N.Y. (Natl. Committee for Research in Ophthalmology and Blindness, 406-C S. Blvd., Evanston, Ill.)

19-23. **Chemical Engineering conf.**, Montreal, P.Q., Canada. (N. E. Cooke, P.O. Box 10, Montreal)

20-23. **Society of American Foresters**, Boston, Mass. (H. Clepper, 704 17th St., NW, Washington, D.C. 20006)

20-25. **Exploration Geophysicists**, 33rd intern., New Orleans, La. (J. S. Johnson, California Company Bldg., New Orleans 12)

20-25. **Pan American Congress of Neurology**, Lima, Peru. (J. O. Trelles, Organizing Committee, Apartado 5117, Lima)

21-23. **Direct Aeronomic Measurements in the Lower Ionosphere**, Urbana, Ill. (S. A. Bowhill, Dept. of Electrical Engineering, Univ. of Illinois, Urbana)

21-23. **Aerospace and Navigational Electronics**, 10th East Coast conf., Baltimore, Md. (R. J. Allen, Research and Advanced Technology Dept., Martin Co., Baltimore 3)

21-23. **Pathology of Laboratory Animals**, New York, N.Y. (Office of Medical Education, New York Acad. of Medicine, 2 E. 103 St., New York 29)

21-25. **Beryllium Oxide**, intern. conf., Lucas Heights, New South Wales, Australia. (Secretary, AAEC, Research Establishment, Private Mail Bag, Sutherland, N.S.W., Australia)

21-25. **American Soc. for Metals**, metals and materials show, Cleveland, Ohio. (ASM, Metals Park, Ohio)

21-25. **Protein Rich Foods in Developing Areas**, intern. conf., Food and Agriculture Organization, United Nations, Rome, Italy. (FAO, Rome)

21-25. **Society for Nondestructive Testing**, 23rd natl., Cleveland, Ohio. (P. D. Johnson, 914 Chicago Ave., Evanston, Ill.)

22-25. **Society for Clinical and Experimental Hypnosis**, New York, N.Y. (SCEH, 200 W. 57 St., New York, N.Y. 10019)

22-28. **Medical Radiation**, seminar, Geneva, Switzerland. (WHO, Palais des Nations, Geneva)

23-24. **Industrial Hygiene Foundation**, 28th annual, Pittsburgh, Pa. (R. T. P. deTreville, 4400 Fifth Ave., Pittsburgh 13)