SCIENCE NEWS LETTER



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THE WEEKLY SUMMARY OF CURRENT SCIENCE



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A SCIENCE SERVICE PUBLICATION

Make over 200 Small Computing and Reasoning Machines with . . .

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EQUALS THE ORIGINAL 1955 electric brain construction kit PLUS many improvements and additions: over 600 parts-including 116 improved patented wipers so that all switches work well. The BRAINIAC K18 Kit gives full specifications for 201 computing, reasoning, arithmetical, logical, puzzle-solving and game-playing machines . . . 155 BRAINIACS (1957-58-59), etc., 13 TYNIACS (1956), and 33 original GENIACS® (1955).

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ital computer with 129 relays-see "Simple Simon" by E. C. Berkeley in Scientific American November 1, 1950), Squee (electronic robot squirrel - see "Light Sensitive Electronic Beast" by E. C. Berkeley in Radio Electronics, December 1951), etc.



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tions, etc. Puzzle-Solving Machines: The Missionaries and thors, etc. Fuzze-Solving Machines: The Missionaries and the Cannibals, Age-Guessing Machine, Submarine Rescue Chamber, Daisy Petal Machine, Fox-Hen-Corn & Hired Man, Uranium Space Ship and the Space Pirates, The Three Monkeys Who Spurned Evil, General Alarm at the Fortress of Dreadeerie, etc. QUIZ MACHINE: How to Tell an Aardvark from an Armadillo, The Waxing and the Waning Moon, Polar Air Routes, history, geography, trigonometry, grammar, statistics, calculus, etc.

WHO IS EDMUND C. BERKELEY? Author of Giant Brains or Machines That Think, Wiley 1949, 270 pp. (15,000 copies sold); Author of Computers: Their Operation and Applications, Reinhold, 1956, 366 pp.; Author of Symbolic Logic and Intelligent Machines, Reinhold, 1959, 203 pp.; Editor & Publisher of the magazine, Computers and Automation; maker and developer of small robots; Fellow of the Society of Actuaries; Secretary (1947-53) of the Association for Computing Machinery; Designer of all the Tyniacs and Brainiacs.

BRAINIAC KIT K18 . . . the kit with limitless possibilities—backed by an organization of 12 years standing in the computer field—\$18.95. (For shipment west of Mississippi, add 80¢; outside U.S., add \$1.80.)

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- Manual "Brainiacs—Small Electric Brain Machines—Introduction and Explanation" by Edmund C. Berkeley.
- "Introduction to Boolean Algebra for Circuits and Switching" by Edmund C. Berkeley.
- "How to Go from Brainiacs to Automatic Computers" by Edmund C. Berkeley.
- List of references to computer literature including "Minds and Machines" by W. Sluckin, published by Penguin Books (Baltimore), 1954, 233 pages, and other references.

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