

MAIL
ORDER

SHOPPING MART

A selection of products available by mail for readers of SCIENCE NEWS
All merchandise sold on a money-back guarantee. Order direct by Stock No. Send check or M.O.

EXCELLENT
for
XMAS
GIFTS!

SEE YOUR MUSIC IN DAZZLING ACTION with



**Dramatic Breakthrough
In Audio-Visual Enjoyment**

Add a spectacular new dimension to the world of music and entertainment. A dramatic breakthrough in audio-visual enjoyment. Adds a spectacular new dimension to the world of music and entertainment. Now you can actually see your favorite musical selection translated into fantastic patterns of beautiful color—each individual note creating its own unique, twisting, radiating shape... each shape dancing and prancing, whirling and swirling in perfect time with the music. Science, art and electronics combined with dramatic results. Attaches in seconds to your radio, tape recorder, hi-fi or stereo with two alligator clips. Can be used on small screens, large walls, stages and whole auditoriums. Loads of fun! Wonderful for parties! Practical, too! Unlimited special effects for bands, dances, clubs, sales meetings, trade shows—put zip into classroom or private music instruction and appreciation. Available in Cabinet Model, Tube Unit, 8" and 12" sets or build your own MusicVision* with our low-cost Do-It-Yourself Kit—all you'll need is a light source. If you don't have one, the versatile Edmund 35mm 500 Watt Projector is a terrific bargain. Order by stock numbers listed below. Money-back guarantee. Complete information in new catalog. Send 25c in coin for fully illustrated, 16-page Booklet No. 9096Q "Introduction to MusicVision".

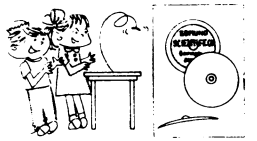
WALNUT VENEERED CABINET MODEL—Stock No. 85,181Q \$99.50 F.O.B.
8" DO-IT-YOURSELF KIT—Stock No. 71,009Q \$22.50 Ppd.
8" SET (Motionizer, color wheel, apertures)—Stock No. 71,030Q \$45.00 Ppd.
12" SET (same as above w/larger Motionizer)—Stock No. 71,032Q \$57.50 Ppd.
500 WATT 35MM PROJECTOR (for above sets)—Stock No. 71,057Q \$24.50 Ppd.
*Patent Pending.



**NEW! PROJECTION
KALEIDOSCOPE**

Projects infinite variety of brilliant color patterns which do not repeat. Specially designed 9" diam. liquid wheel, 3" projection lens and Edmund Special Effects Projector make it all possible. Easily operated. Large screen image at short projection distance perfect for photo backgrounds, light shows, parties, dances, etc. Front or rear proj.

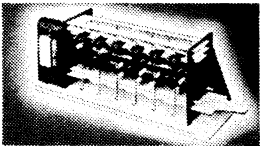
Stock No. 71,121Q \$94.50 Ppd.
SOLID MULTI-COLORED
GLASS ACCESSORY WHEEL
Stock No. 71,122Q (9" Diam.)
\$15.00 Ppd.



MAGIC JUMPING DISCS

Put one of these quarter-sized crazy buttons down and stand back. In a matter of seconds it'll jump almost 6 feet high. Just like magic... but it's really scientific. Actually, the warmth of your hand holding these metal discs makes the trick. After palming a disc, place it on any cool surface and in moments it'll take-off. Loads of fun for kids of all ages. Package of twelve only \$2.

Stock No. P-41,150Q \$2.00 Ppd.
Stock No. P-41,180Q
Set of 100 \$12.00 Ppd.



**NEW WORKING MODEL
DIGITAL COMPUTER**

Solve problems, teach logic, play games with miniature version of giant electronic brain! Adds, subtracts, multiplies, shifts, complements carries, memorizes. Colored plastic parts easily assembled 12" x 3 1/2" x 4 3/4" Incl step-by-step assembly diagrams. 32-p instruction book covering operation, computer language programming problems & 15 experiments.

Stock No. 70,683Q \$5.98 Ppd.
BIG, NEW DIGICOMP III!
Stock No. 70,946Q \$16.00 Ppd.



BUILD ATOMIC ENERGY LAB

Create cosmic ray showers in the cloud chamber—see atoms explode with the spintharoscope—check ionization and radioactivity of every day materials... these are just a few of the fascinating projects possible with this amazing 43 part kit. Contains everything needed to construct your personal atomic energy laboratory. Absolutely safe. Includes atomic cloud chamber, projector, illuminator, electroscope, spintharoscope, 22 page instruction booklet with suggested experiment.

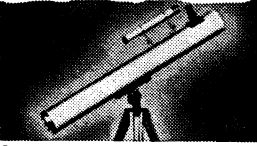
Stock No. 70,899Q \$9.95 Ppd.



**NOW! WATER CLIMBS
UP HILL**

Amaze your friends—loads of fun—perfect for Science Fair. Water actually flows up side of glass & siphons freely into other container. To stop flow—cut with scissors—watch it snap back. Secret's in special additive with long molecular structure—req. only 1/2 tsp to glass. Friction reducing additive has all kinds of industrial, agricultural, experimental uses—a pinch even makes gold fish slide thru water faster. 3 oz. can enough for 84 parts of water. Instr.

Stock No. 41,086Q \$2.00 Ppd.



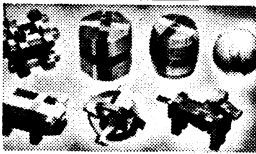
3" ASTRONOMICAL TELESCOPE

See the stars, moon, phases of Venus, planets close up. 60 to 180 power. Aluminized and overcoated 3" diameter f/10 primary mirror, ventilated cell. Equatorial mount with locks on both axes. Equipped with 60x eyepiece and mounted Barlow lens. 3x finder telescope, hardwood tripod. Included FREE: "STAR CHART"—272-page "HANDBOOK OF HEAVENS"; "HOW TO USE YOUR TELESCOPE."

Stock No. 85,050Q \$29.95 Ppd.
4 1/2" REFLECTOR TELESCOPE
Stock No. 85,105Q \$64.50 FOB
6" REFLECTOR TELESCOPE
Stock No. 85,086Q \$199.50 FOB

CHRISTMAS GIFTS!

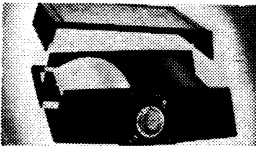
Order Direct From This Ad. We'll rush items. For extra fast handling send order airmail and add 50c for Post Office Special handling. For Air Parcel Post add 25%.



WOODEN SOLID PUZZLES

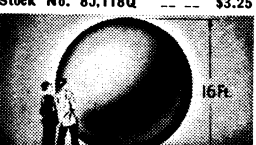
Here's a fascinating assortment of 12 different puzzles to provide hours of pleasure and stimulate ability to think and reason. Animals and geometric forms. Take them apart and reassemble them. Lots of fun for the whole family—young and old will test skill, patience and ability to solve problems. Order yours now.

Stock No. 70,205Q \$4.00 Ppd.



**NEW! AMAZING DRY
COPIER**

—\$29.95
Copies half-tones, all colors, even book pages. No liquids, chemicals or sprays needed. 2 easy steps make sharp black-on-white permanent copies up to 8"x10" in a minute. Automatic timer eliminates guess work. Perfect for home, school, office, clubs, assoc., etc.—1000's of uses. Does practically everything machines costing 100's of dollars can do. Made in USA under 3M Co. license—really amazing bargain. Weighs only 8 lbs. Uses reg. 110-120 V.A.—2 150 W. bulbs. 10 1/2"x 15 1/2"x6". Handsome, tough brown case. Page avail. separately.
Stock No. 80,117Q \$29.95
P us \$2 postage & handling
8"x10" PAPER—(33 Sheets)
Stock No. 83,118Q \$3.25



GIANT WEATHER BALLOONS

"Balls of fun" for kids, traffic stoppers for stores, terrific for amateur meteorologists. Create a neighborhood sensation. Great backyard fun. Exciting beach attraction. Amateur meteorologists use to measure cloud heights, wind speed, and temp. Made of heavy duty neoprene. Inflate with vacuum cleaner or auto air hose; or locally available helium for high rise
Stock No. 60,588Q \$2.00 Ppd.
Stock No. 60,632Q \$7.00 Ppd.

GIANT FREE CATALOG

148 Pages! More than 4,000



**UNUSUAL
BARGAINS!**

Packed with huge selection of tele-scopes, microscopes, binoculars, magnifiers, prisms, photo components, parts, kits, accessories—many hard-to-get surplus bargains. 100's of charts, illustrations. For hobbyists, experimenters, schools, industry. Mail coupon for FREE Catalog "Q." EDMUND SCIENTIFIC CO., 300 Edscorp Building, Barrington, N.J. 08007.

Name _____
Address _____
City _____
State _____ Zip _____

Letters from p. 461

Community Mental Health Center. Naturally it interested me very much; I am the director of the program.

I would like to congratulate you on an excellent job of reporting. Ours is not the easiest program to comprehend, and it is difficult for me to understand how your reporter was so well able to grasp it in so short a time.

Frederick B. Glaser, M.D.
Bala Cynwyd, Pa.

Dynamic scattering

Sir:

The article "Chameleon Compounds" (SN: 9/28, p. 321) is well written and comprehensive. The Liquid Crystal Conference was not the first opportunity for scientists to learn of the details of our recent work on dynamic scattering. This material was presented at the Solid State Device Research Conference (Boulder, Colo.) in June. You did state that the substance anisylidene para-aminophenylacetate is nematic from below freezing to the boiling point of water. While this material does exhibit dynamic scattering, its liquid crystalline range is 83 degrees C. to 110 degrees C. The specific material which we used to obtain dynamic scattering from below freezing to above 100 degrees C. is proprietary.

George H. Heilmeyer
RCA Laboratories
David Sarnoff Research Center
Princeton, N.J.

No landlubber he

Sir:

Engineer Charles T. Hoard has lumped Juan Ponce de León, first governor of Puerto Rico and Florida, together with Benjamin Franklin, first president of the Commonwealth of Pennsylvania, as a landlubber (SN: 9/7, p. 247). Ponce de León was a land and sea captain, who besides discovering and plotting the Gulf Stream, which should in historic justice be named after him, was the discoverer not only of Florida but of México at San Juan de Ulúa, near Vera Cruz in 1516, one year before the still officially recognized so-called discovery by Francisco Hernández de Córdoba in 1517. Ample documentary proof in "Nuevas Fuentes para la Historia de Puerto Rico" by Aurelio Tió, Barcelona, 1961.

Aurelio Tió
Fellow ASCE
Santurce, Puerto Rico

Address communications to Editor,
Science News, 1719 N Street, N.W.
Washington, D. C. 20036

ORDER BY STOCK NUMBER • SEND CHECK OR MONEY ORDER • MONEY-BACK GUARANTEE

EDMUND SCIENTIFIC CO. 300 EDCORP BUILDING
BARRINGTON, NEW JERSEY 08007

462/science news/vol. 94/9 november 1968