

science news

Dec. 4, 1971
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Mapping the galaxy's molecules



Mondale commission on health science
The Academy's Institute of Medicine

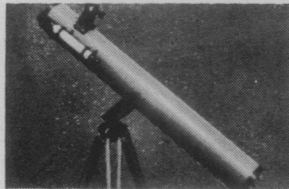
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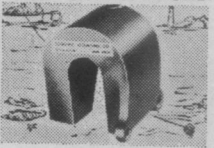
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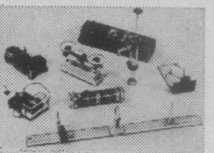
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Go treasure hunting on the bottom! Fascinating fun & sometimes profitable! Tie a line to our 5 1/2-lb. Magnet—drop it overboard in bay, river, lake or ocean. Troll it along bottom—your "treasured" haul can be outboard motors, anchors, other metal valuables. 5 1/2-lb. Magnet is war surplus—Alnico V Type—Gov't. cost \$50.

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- Apollo-12 41,475 Q 41,473 Q
- Apollo-14 41,477 Q 41,476 Q
- Apollo-14 41,479 Q 41,478 Q

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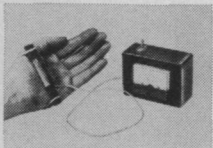
Unique new game of skill and chance from the fascinating world of computers. Easily learn skills and speed of EDP. Think and talk like a computer programming expert after only two rounds. Outmaneuver your opponent with real "flow charts." Use simple math to "bug" other players or to recover from an "interrupt." Game could lead to a programming career. 200 pieces for beginners or advanced challenges.



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Stock No. 71,300Q (without gauge/lifter) \$ 5.50 Ppd.

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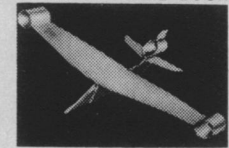


Stock No. 41,443Q \$8.95 Ppd.

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Stock No. 41,272Q (set of 2) \$2.25 Ppd.

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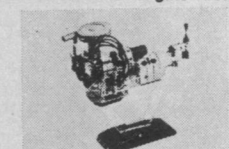
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Stock No. 71,161Q \$6.00 Ppd.

AMAZING NEW Wankel Engine KIT!

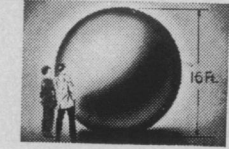
Thrill to the fun of building your own sea-through motorized model of revolutionary pistonless Wankel engine . . . only engine experts think economically modifiable to meet new pollution standards. Replaces piston, cylinder, crank assemblies with rotating discs (sections removed for firing chambers). Smaller than conventional; fewer parts, greater reliability, same speed w/less horsepower. Features flashing plugs, rubber fan belt, stick-shift on-off switch. Req. 2-1.5 V batt. (not incl.).



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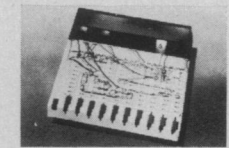


Stock No. 60,568Q (8" size) \$2.00 Ppd.

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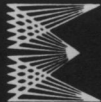
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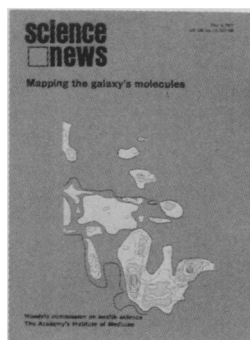
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How our galaxy looks to a radio astronomer depends on what wavelength he is monitoring. The dozens of new molecules discovered in recent years each radiate characteristic emissions. Their nature and distribution are producing new concepts of the physics and topography of the galaxy. The contours of this map represent brightness of 6-centimeter formaldehyde radio emissions. See p. 378. (Map courtesy Patrick Thaddeus. Adaptation by E. Cherry Doyle)

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