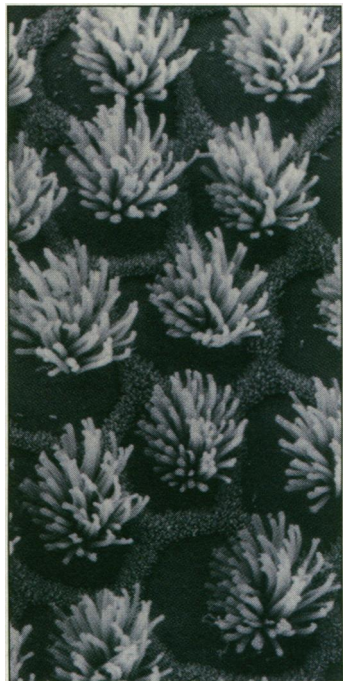


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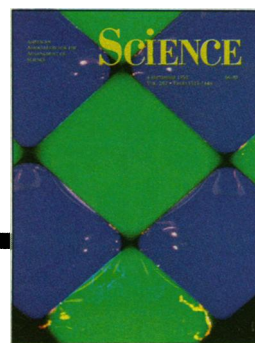
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Micrometer-wide lines of a hydrophobic self-assembled monolayer separate square regions of a hydrophilic monolayer; drops of water (with blue and green coloration) wet the square regions but do not contact one another. The lines of separation provide new structures

with which to manipulate the shapes of liquid drops. See page 1380. The sides of each square are about 4 millimeters long. The blue drops do not completely wet the corners. [Photograph: F. Frankel]



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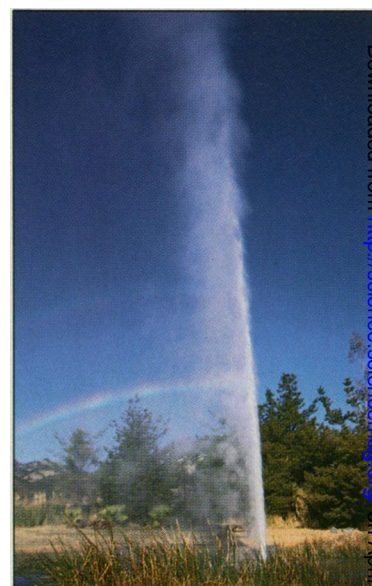
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■ SCIENCE (ISSN 0036-8075) is published weekly on Friday, except the last week in December, by the American Association for the Advancement of Science, 1333 H Street, NW, Washington, DC 20005. Second-class postage (publication No. 484460) paid at Washington, DC, and additional mailing offices. Copyright © 1991 by the American Association for the Advancement of Science. The title SCIENCE is a registered trademark of the AAAS. Domestic individual membership and subscription (51 issues): \$82 (\$50 allocated to subscription). Domestic institutional subscription (51 issues): \$150. Foreign postage extra: Canada \$46, other (surface mail) \$46, air freight \$90. First class, airmail, school-year, and student rates on request. Canadian GST Number: 125488122. Change of address: allow 6 weeks, giving old and new addresses and 11-digit account number. Postmaster: Send change of address to Science, P.O. Box 1723, Riverton, NJ 08077. Single copy sales: \$6.00 per issue prepaid includes surface postage; Guide to Biotechnology Products and Instruments, \$20.

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Science

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Science **257** (5075), 1325-1425.

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