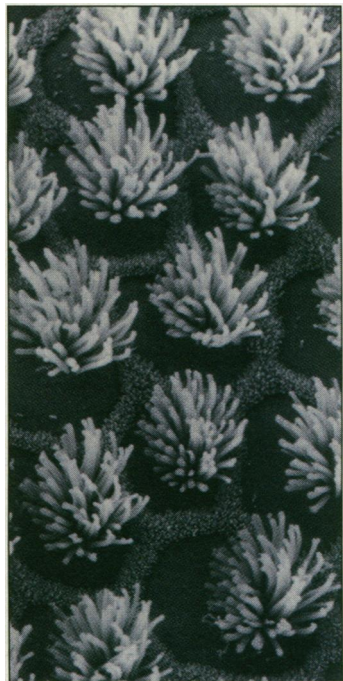


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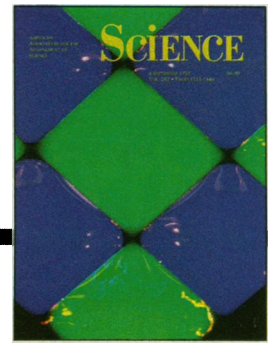
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Micrometer-wide lines of a hydrophobic self-assembled monolayer separate square regions of a hydrophilic monolayer; drops of water (with blue and green coloration) wet the square regions but do not contact one another. The lines of separation provide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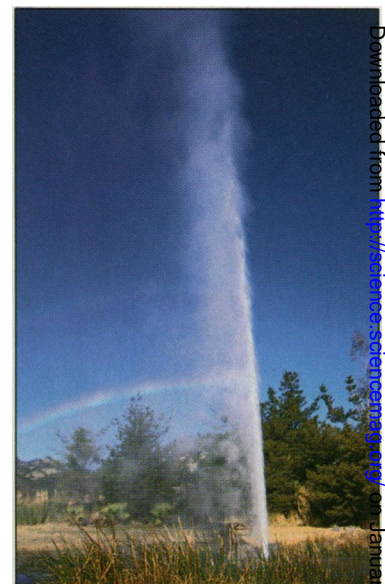
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