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POLYMERS AT
INTERFACES**

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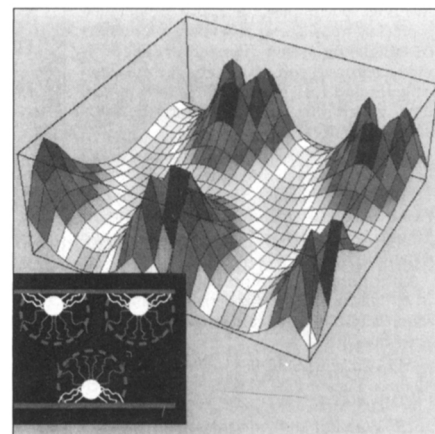
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ON THE COVER: The image in the lower left is a schematic drawing of two surfaces coated with a layer of AB diblock copolymers, which are attached by the ends of the B blocks (drawn in yellow). The system is immersed in a solution that is a poor solvent for the B block but a good solvent for the A block. Under these conditions, the diblocks associate into flowerlike structures that control the separation and adhesion between the surfaces as the layers are brought into contact. The large image shows the density profiles for the A blocks, which were calculated using a two-dimensional self-consistent-mean-field model. For more information, see "Patterned Polymer Films" by Anna C. Balazs, Chandralekha Singh, Ekaterina Zhulina, Dilip Gersappe, and Galen Pickett on page 16.

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