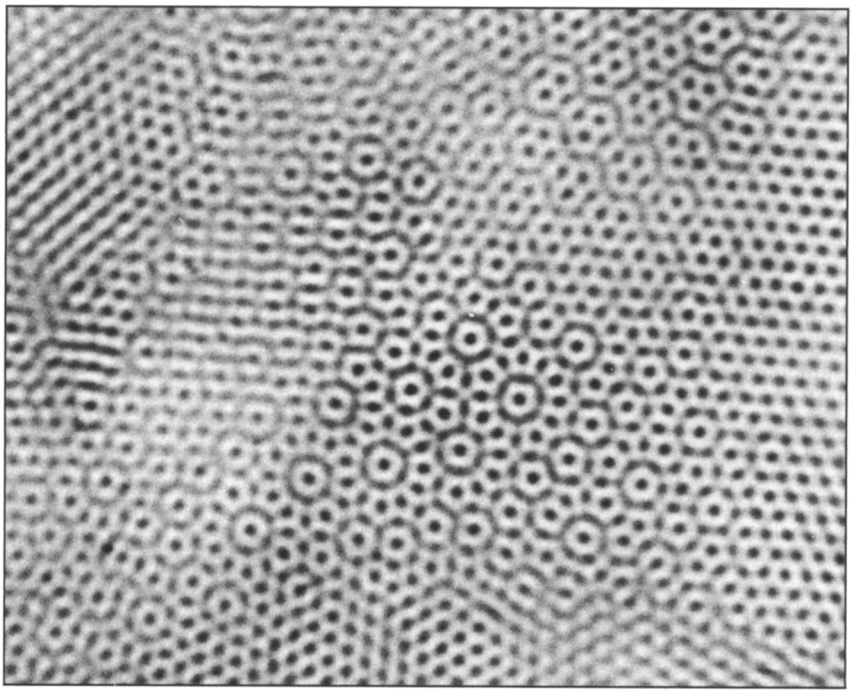
Figures appearing in EDITOR'S CHOICE *are those arising from materials research which strike the editor's fancy as being aesthetically appealing and eye-catching. No further criteria are applied and none should be assumed. When taken out of context, such figures often evoke images beyond and unrelated to the original meaning. Submissions of candidate figures are welcome and should include a complete source citation, a photocopy of the report in which it appears (or will appear), and a reproduction-quality original drawing or photograph of the figure in question.*



Believe it or not, buried in this transmission electron micrograph (TEM) are very simple regular (and rather boring) two-dimensional hexagonal lattices. But some Moiré mischief has occurred here. The perpetrators of the skullduggery have exposed their mis(match) deeds in P. Mansky, P. Chaiken, and E.L. Thomas, *J. Mater. Sci.* **30** (1995) pp. 1987–1992. There they confess to dissolving polystyrene and polybutadiene in toluene with respective degrees of polymerization in the ratio 23 to 10, and then letting a drop of this potion quickly evaporate while floating on a pool of deionized water. After scooping up small pieces of the resulting diblock copolymer films onto carbon-coated copper TEM grids, they see, lo and behold! this novel pattern, which if reproduced as wallpaper would make any one of us irretrievably dizzy. Of course, the authors claim that this is merely an innocent collage of Moiré patterns formed by relative rotation in some areas and translation in other areas of overlapping simple hexagonal lattices. We might have believed there was no sinister plot afoot were it not for the authors' own misstep. They stained the polybutadiene component with osmium tetroxide vapor (not realizing it is an obscure and poisonous tool of forensics as well as polymer chemistry) to enhance contrast and reveal the true nature of the polymer. Now if you look closely at the result, you will find threefold symmetric, ≈40 nanometer skulls hidden in the pattern staring back at you (apparently the crossbones were left on the OsO_4 bottle). Who knows what evil lurks in the T-E-M?

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