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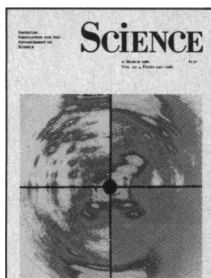
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**COVER** Quadrants from x-ray diffraction patterns recorded from fibers of the two-stranded polynucleotide poly[d(A-T)] · poly[d(A-T)] at various stages during the D to B conformational transition in the DNA double helix. The diffraction patterns were recorded using the Science and Engineering Research Council's Daresbury Laboratory Synchrotron Radiation Source. See page 195. [W. Fuller, Department of Physics, University of Keele, Staffordshire ST5 5BG, United Kingdom]

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