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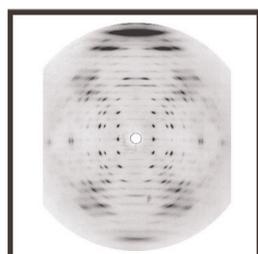
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The "E-DNA" pattern was first published by A. G. W. Leslie, Struther Arnott, R. Chandrasekaran, and R. L. Ratliff as part of a report in *J. Mol. Biol.* (1980) **143**, 49-72 on the polymorphism of DNA duplexes with repetitious mono-, di-, and tri-nucleotide sequences. At the time it was casually but accurately described as resulting from a 3_2 molecular helix with a large oligonucleotide duplex as the asymmetric unit. The strong meridional reflexion on the 15th layer line encouraged mistaken support for pentanucleotide units of secondary structure rather than the hexanucleotides that were later found to provide a solution to the diffraction problem as well as being more compatible with the trinucleotide primary structure of this synthetic DNA.

Fibre Diffraction Review Production

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