X-ray diffraction exposures of calf thymus nucleohistone referenced as 'J F Pardon'

Contributors

Pardon, John Frederick

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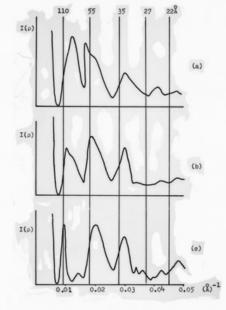
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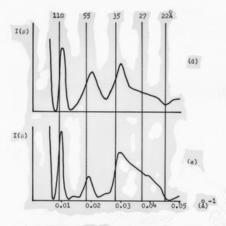
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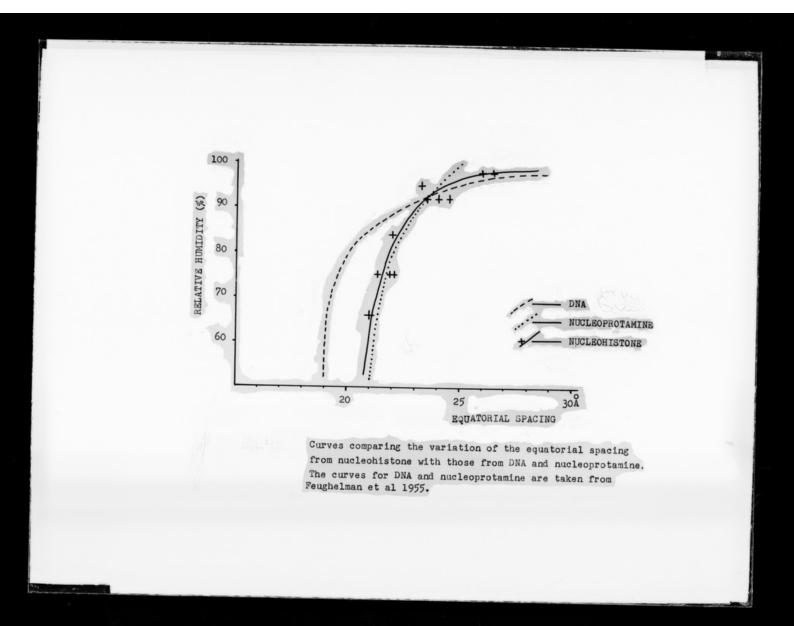
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Unoriented Fourier transforms of paramemic groups of coiled-coils for different sized groups. (a) Groups of two helices.

- (b) Mixture of groups of two and four helices.
- (c) Groups of four helices.
- (d) Mixture of groups of four and seven helices.
- (e) Groups of seven helices.



	t-RNAs
TYR	pCUCUCGGUAGCCAAGUUGGUUUAAGGCG c H2H2 H2H2
SER	pGGCAACUUGGCCGAGUGGUAAGGCGAAA
ALA	pGGGCGUGUGGCGCGUAGUCGGUAGCGCG c c c c c c c c c c c c c c c c c c c
VAL	pGGUUUCGUGGUUCAGUCGGUAUGGGGGCA

Me G - di-methyl-G.

Me

A - di-methyl-A.

U - pseudouridine 3'phosphate.

I - inosine (hypoxanthine)

|c|- codon

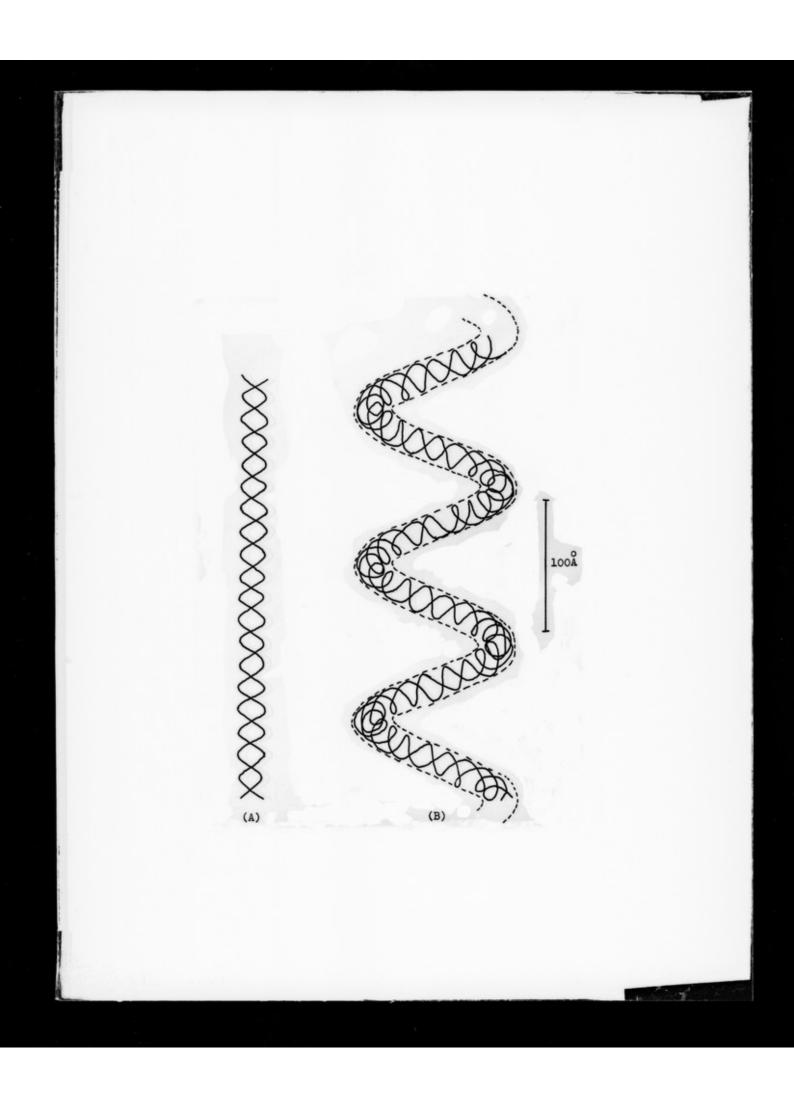
|ac| - anticodon

		Chicken erythrocyte			Calf thymus							
		M,	2	3	ĸ,	2	3	4	5	6	7	+/
	0.6		+				+					2/
	0.7			+								2/0
	0.8	+				+						2/0
	0.9		+				+					2/0
	1.0				+	+		+	+		+	5/0
	1.1		0							+		14
rity	1.2	+		0	0	+		0	+	+	0	4
NaCl molarity	1.3									+		12
2	1.4				0			0	0		0	%
Nac	1.5											
	1.6		0				0					%
	1.7											
	1.8											

A summary of the X-ray diffraction results obtained from fibre specimens of partially dissociated nucleohistone maintained at 98% r.h.

+ indicates that the series of low-angle diffraction rings characteristic of nucleohistone were present.

O indicates that these rings were not present and that the diffraction pattern from the DNA was well oriented.



0 100 Å 0 0 C (b) (c) (a)

