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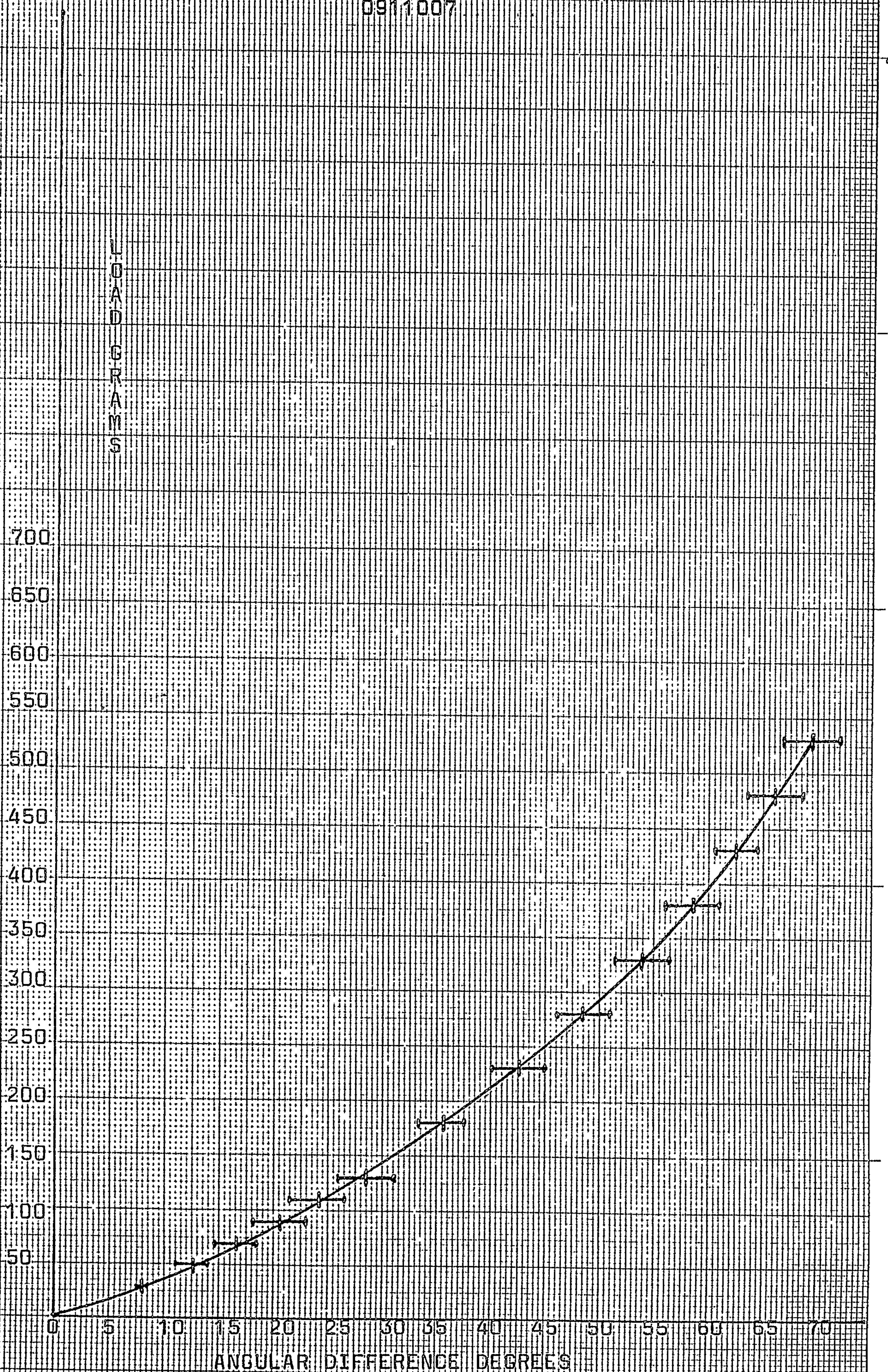
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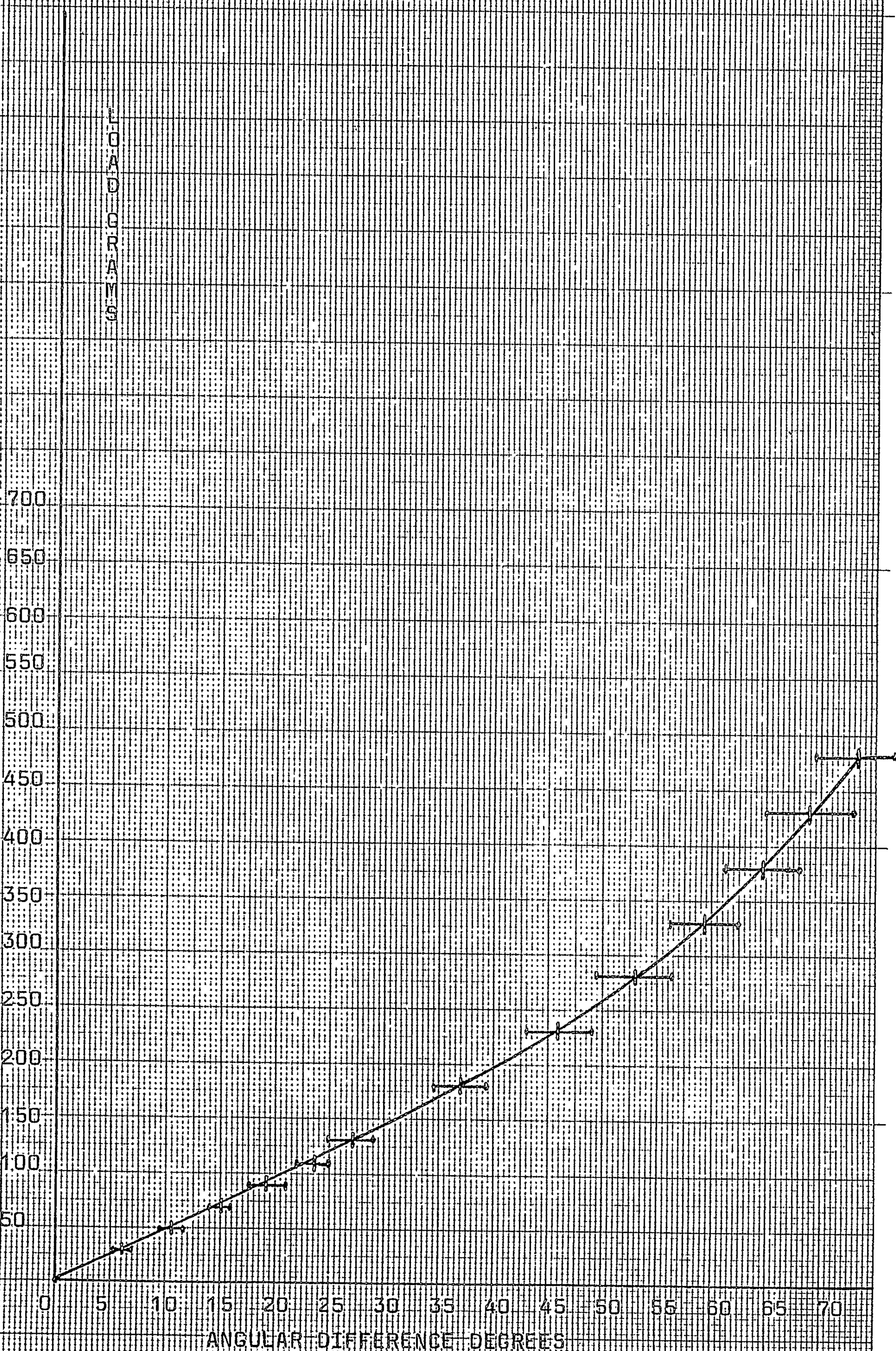
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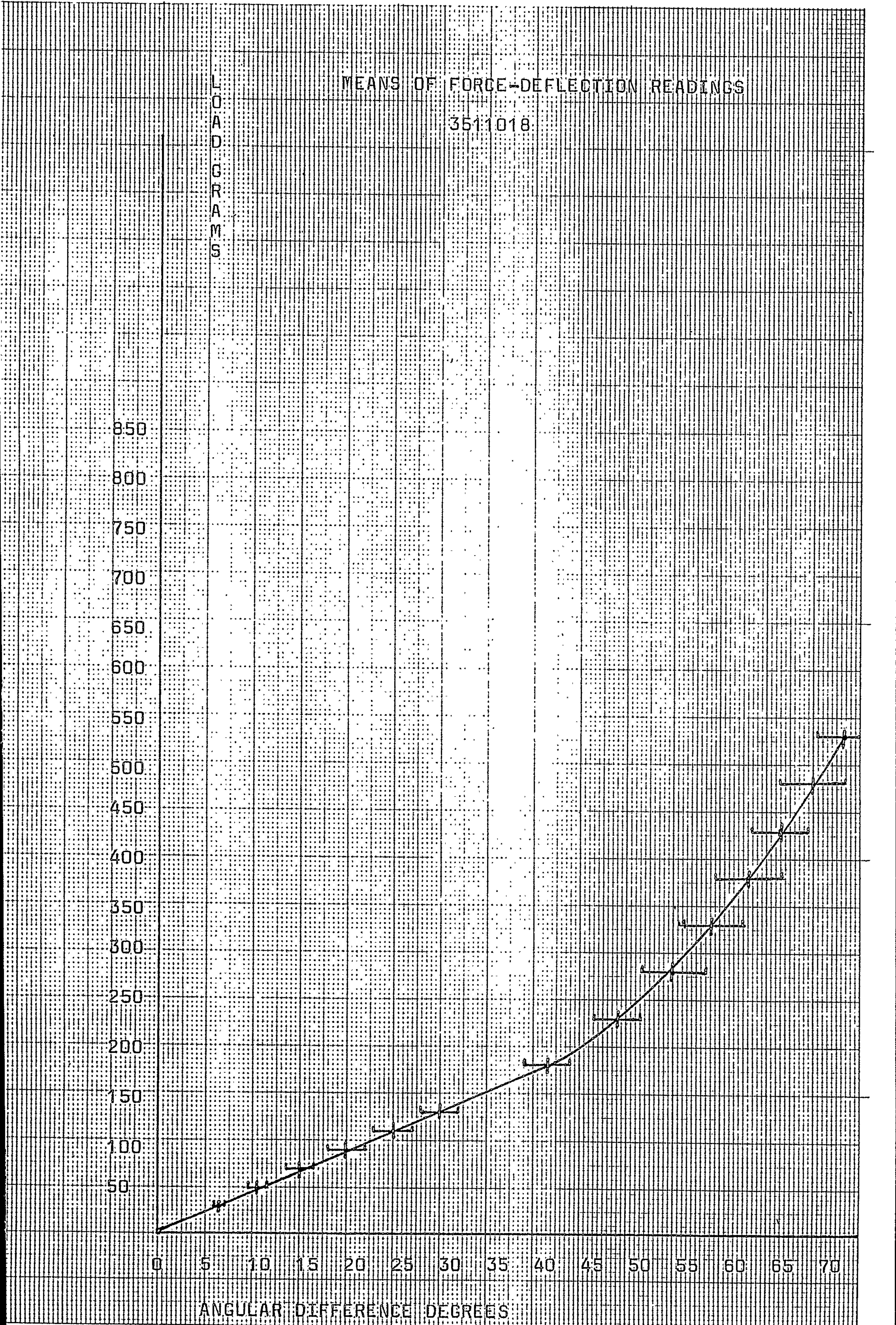
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0911007

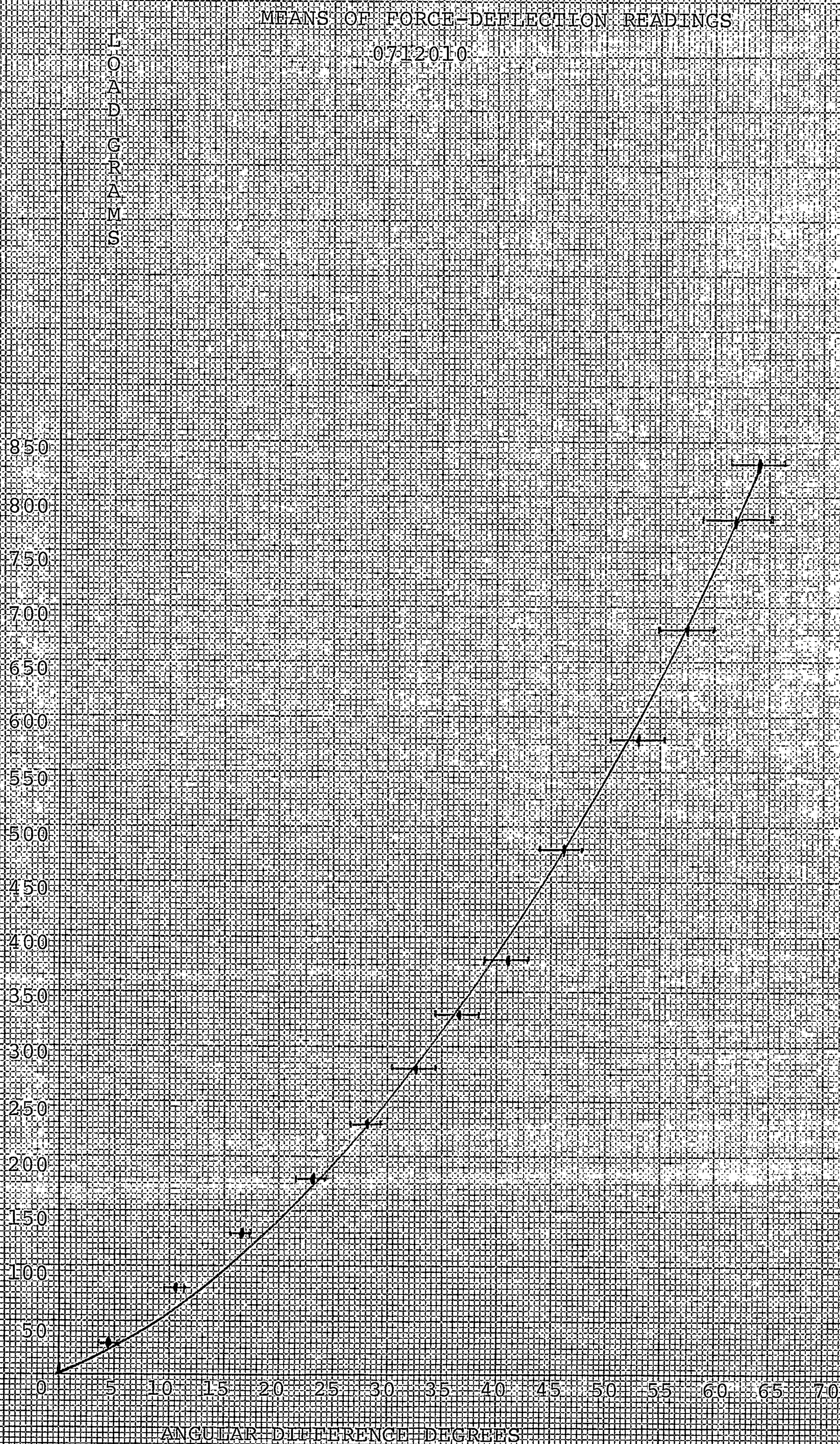


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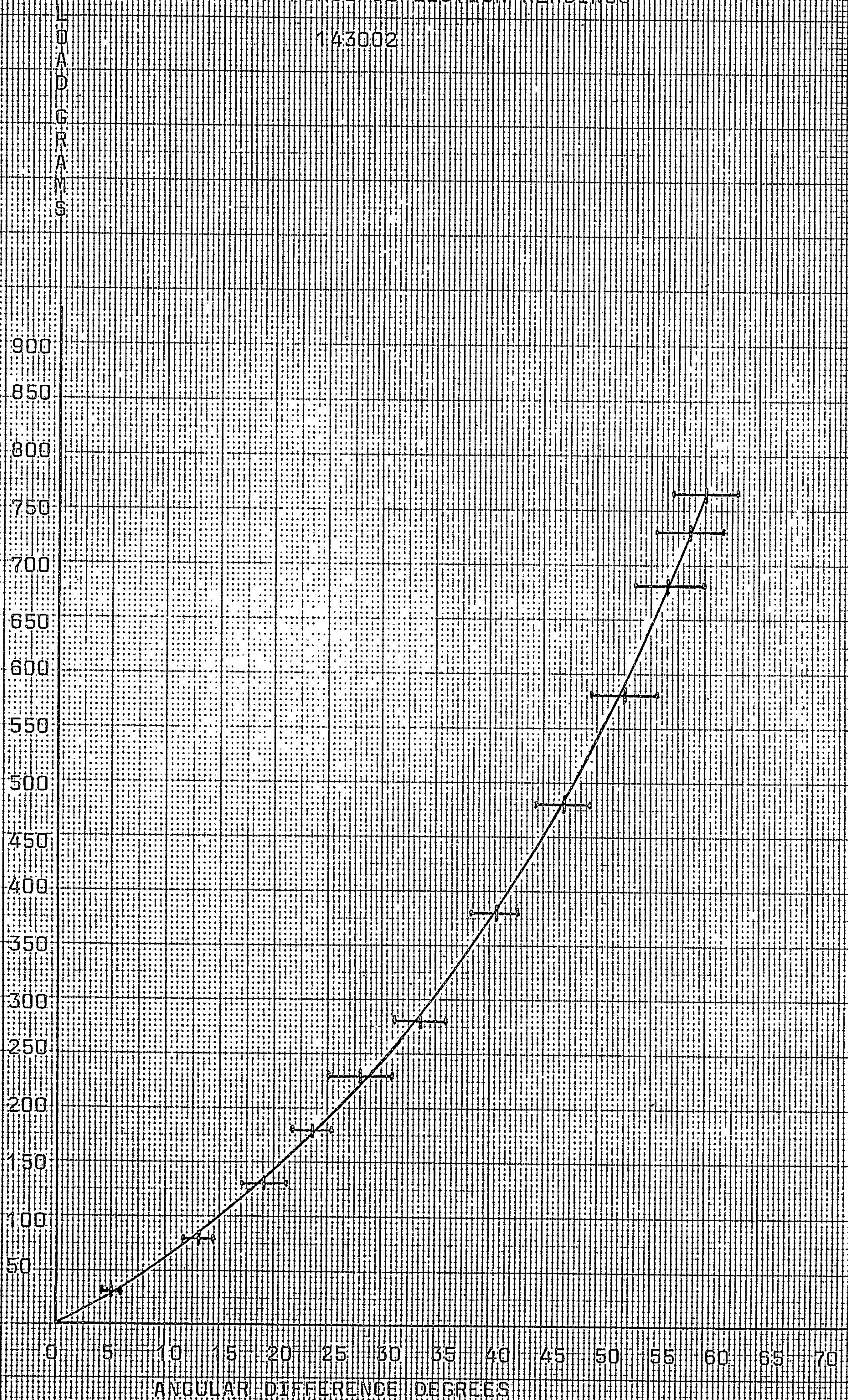


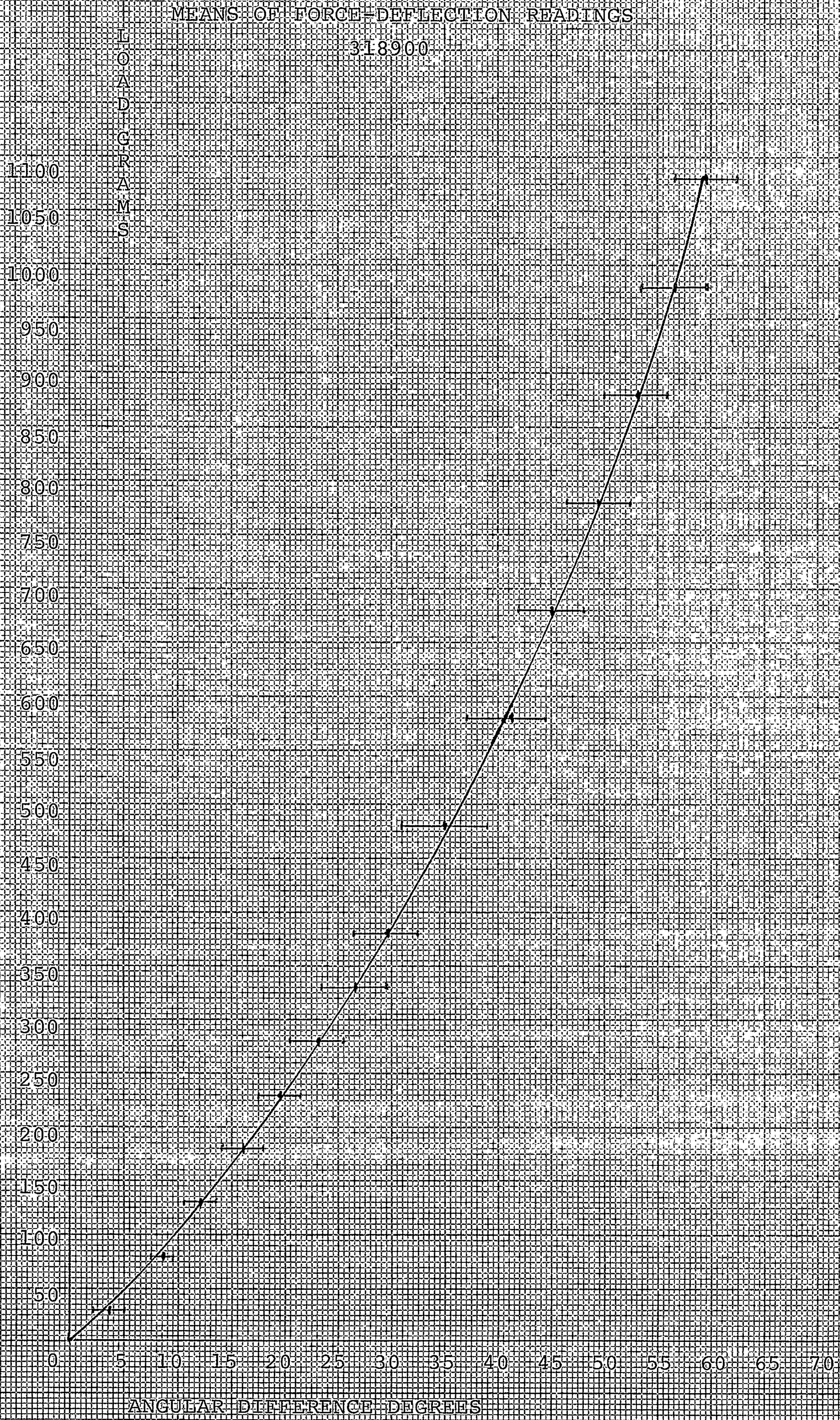




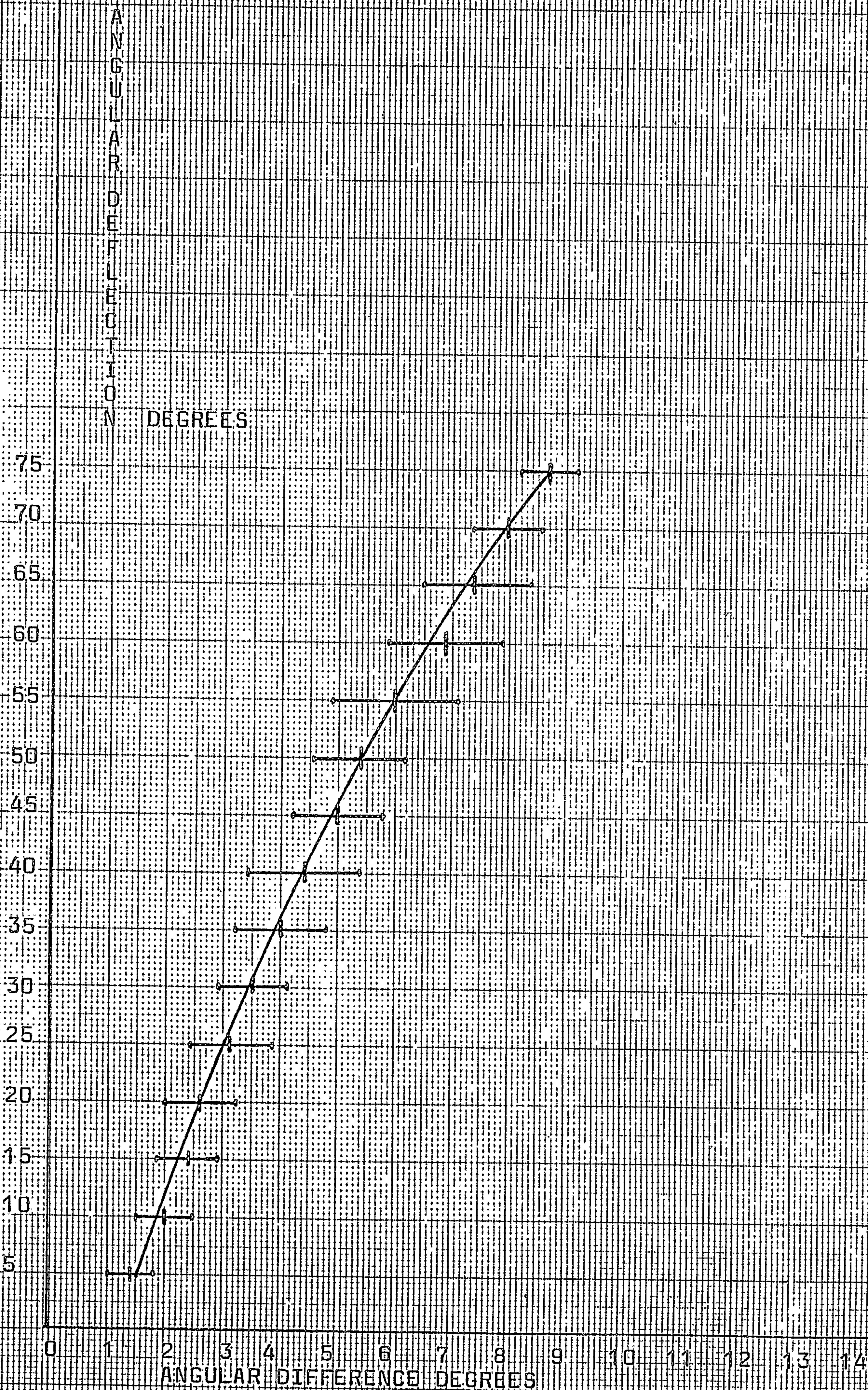
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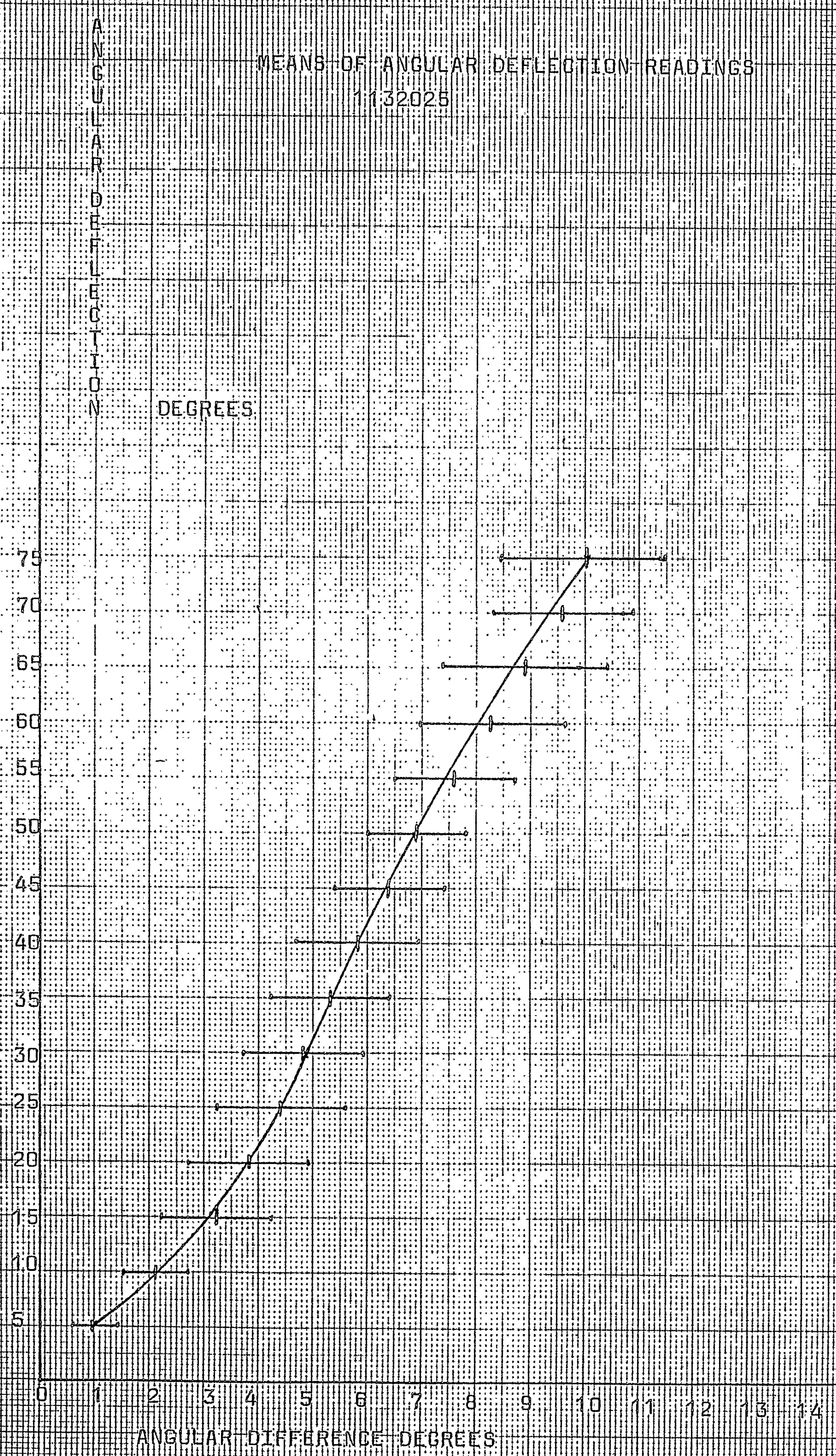
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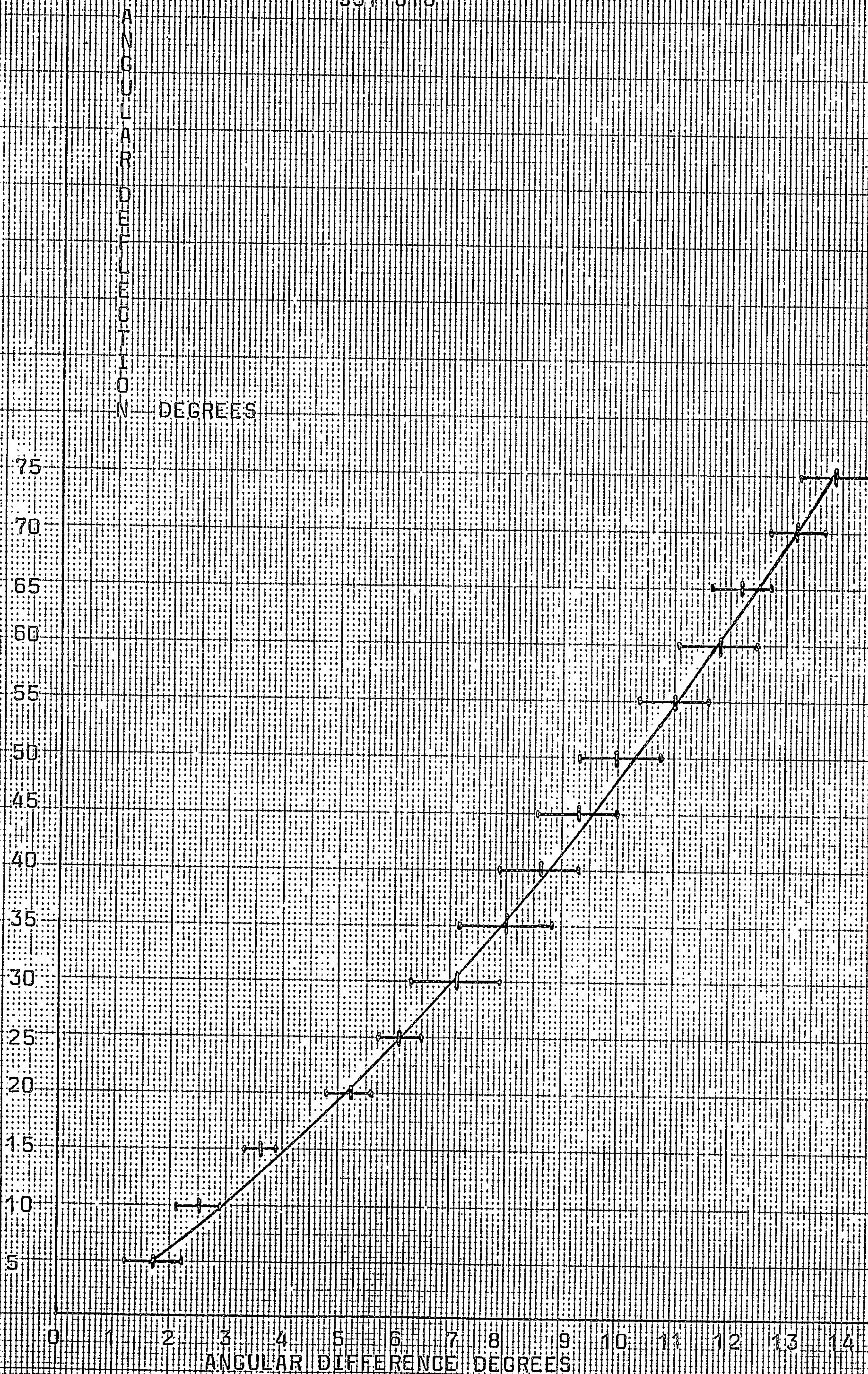
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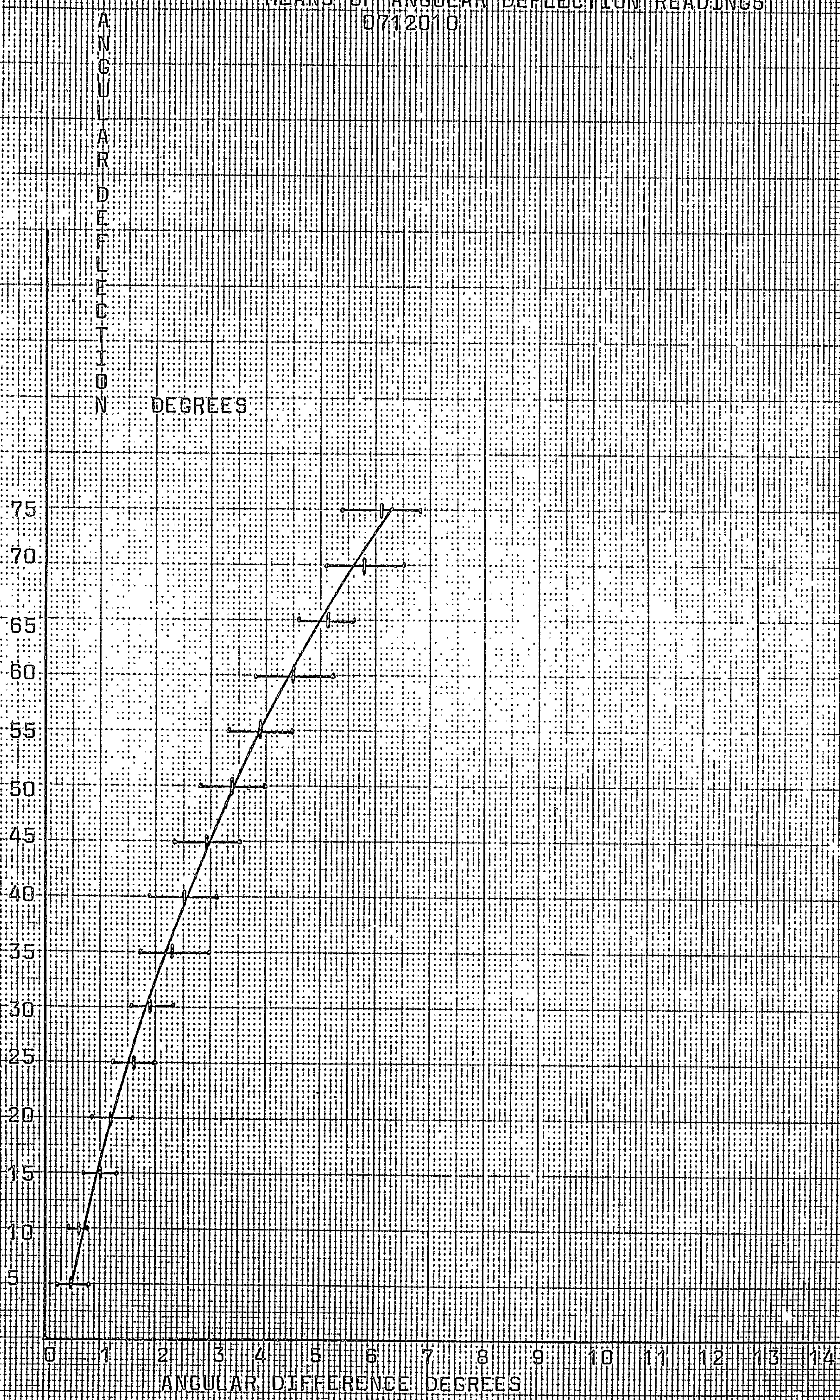


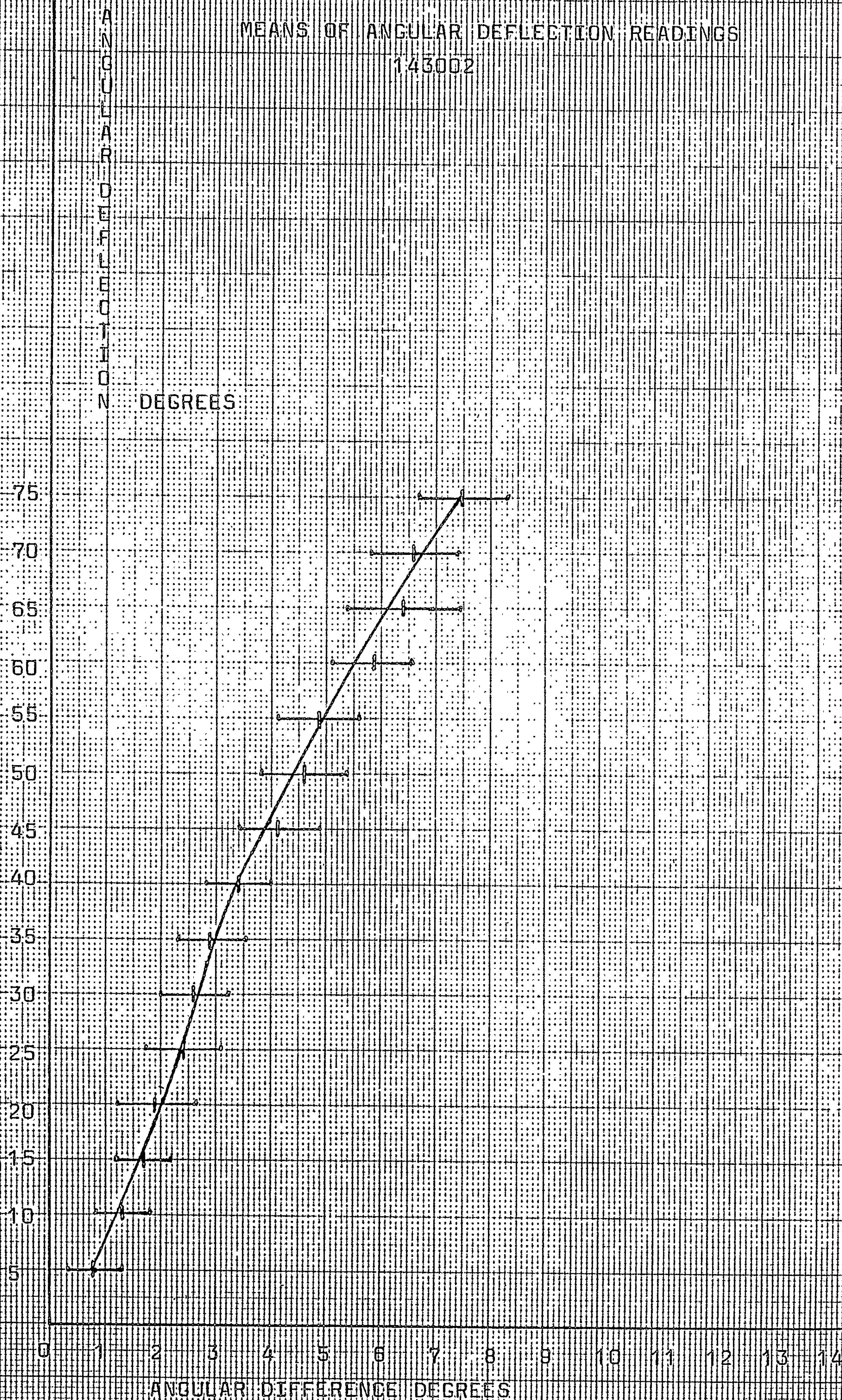
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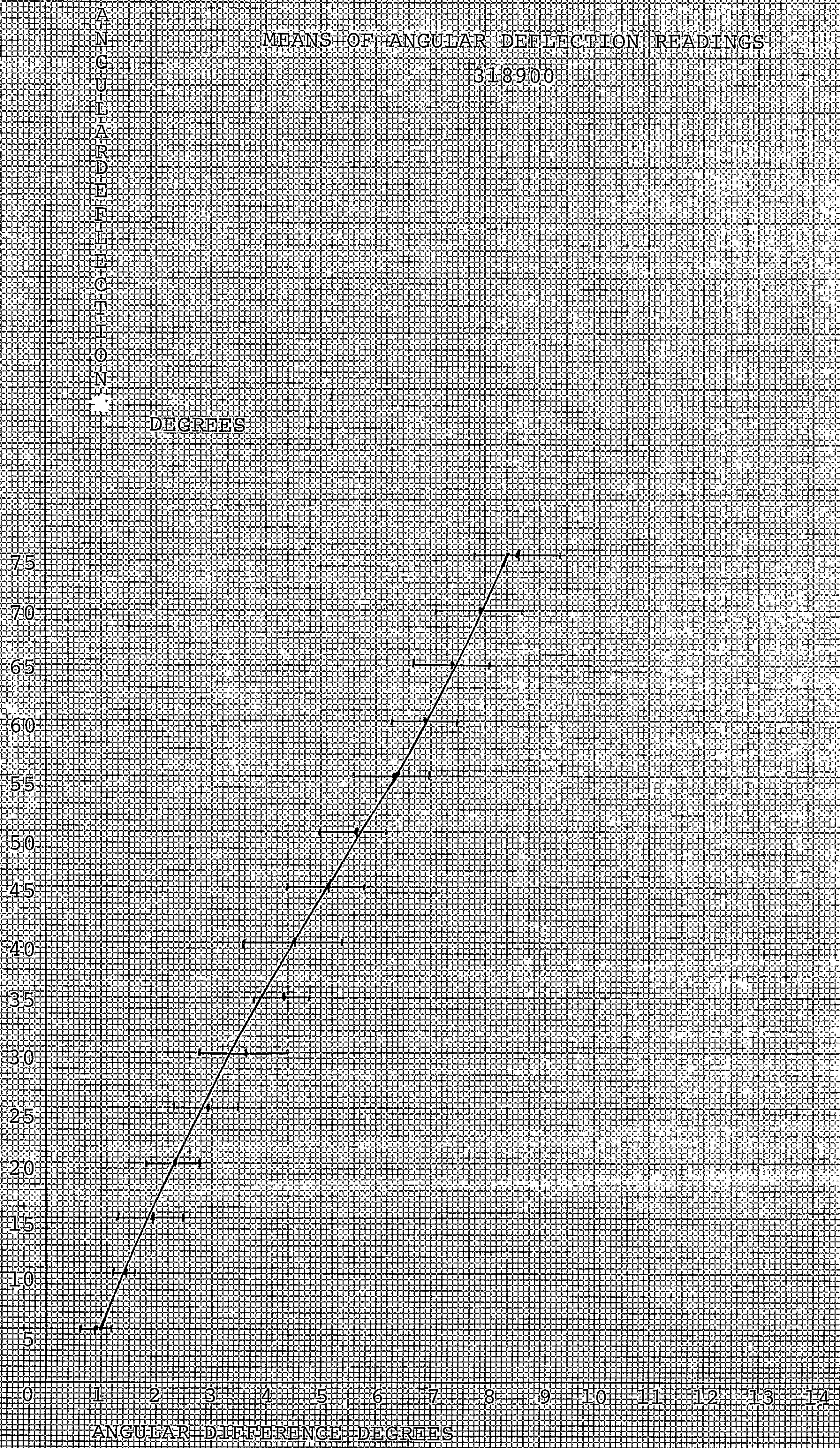


TABLE VII, a

Force - Deflection Measurements

Type of spring pin - 0.014 inch, 2-coil, ortholoy

Batch Number: 0911007

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	122.5°		0	120.0°	
30	114.5°	8.0°	30	112.5°	7.5°
50	107.5°	15.0°	50	105.0°	15.0°
80	100.0°	22.5°	80	98.5°	21.5°
110	95.0°	27.5°	110	91.5°	28.5°
130	91.5°	31.0°	130	88.5°	31.5°
180	87.5°	35.0°	180	84.5°	35.5°
230	78.5°	44.0°	230	76.0°	44.0°
280	71.5°	51.0°	280	71.5°	48.5°
330	66.0°	56.5°	330	66.0°	54.0°
380	62.5°	60.0°	380	61.5°	58.5°
430	58.5°	64.0°	430	57.0°	63.0°
480	53.5°	69.0°	480	53.0°	67.0°
530	51.5°	71.0°	530	49.0°	71.0°

Marked as: A

Marked as: B

TABLE VII, b

Force - Deflection Measurements

Type of spring pin - 0.014 inch, 2-coil, ortholoy

Batch Number: 0911007

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	122.0°		0	120.0°	
30	115.0°	7.0°	30	112.5°	7.5°
50	110.5°	11.5°	50	108.0°	12.0°
80	104.5°	17.5°	80	101.5°	18.5°
110	99.0°	23.0°	110	96.0°	24.0°
130	95.0°	27.0°	130	92.0°	28.0°
180	86.0°	36.0°	180	83.5°	36.5°
230	79.0°	43.0°	230	79.0°	41.0°
280	73.5°	48.5°	280	73.5°	46.5°
330	70.0°	52.0°	330	69.0°	51.0°
380	66.0°	56.0°	380	64.5°	55.5°
430	61.0°	61.0°	430	60.5°	59.5°
480	59.0°	63.0°	480	56.5°	63.5°
530	56.0°	66.0°	530	53.5°	66.5°

Marked as: C

Marked as: D

TABLE VII, c

Force - Deflection Measurements

Type of spring pin - 0.014 inch, 2-coil, ortholoy

Batch Number: 0911007

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	116.5°		0	125.5°	
30	109.5°	7.0°	30	117.5°	8.0°
50	104.5°	12.0°	50	114.5°	11.0°
80	98.0°	18.5°	80	109.0°	16.5°
110	92.5°	24.0°	110	103.5°	22.0°
130	88.5°	28.0°	130	99.0°	26.5°
180	79.0°	37.5°	180	88.5°	37.0°
230	73.0°	43.5°	230	80.0°	45.5°
280	67.5°	49.0°	280	73.5°	52.0°
330	63.0°	53.5°	330	68.0°	57.5°
380	59.0°	57.5°	380	63.0°	62.5°
430	54.5°	62.0°	430	60.5°	65.0°
480	52.0°	64.5°	480	56.5°	69.0°
530	49.5°	67.0°	530	54.0°	71.5°

Marked as: E

Marked as: F

TABLE VII, d

Force - Deflection Measurements

Type of spring pin - 0.014 inch, 2-coil, ortholoy

Batch Number: 0911007

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	126.5°		0	119.5°	
30	118.0°	8.5°	30	111.5°	8.0°
50	115.0°	11.5°	50	108.5°	11.0°
80	110.0°	16.5°	80	103.5°	16.0°
110	105.5°	21.0°	110	98.0°	21.5°
130	103.0°	23.5°	130	94.5°	25.0°
180	95.5°	31.0°	180	86.0°	33.5°
230	88.5°	38.0°	230	78.5°	41.0°
280	82.5°	44.5°	280	72.0°	47.5°
330	76.0°	50.5°	330	66.0°	53.5°
380	70.5°	56.0°	380	61.0°	58.5°
430	66.0°	60.5°	430	57.5°	62.0°
480	61.0°	65.5°	480	54.5°	65.0°
530	56.0°	70.5°	530	50.0°	69.5°

Marked as: G

Marked as: H

TABLE VIII, a

Force - Deflection Measurements

TP Spring Pin - 0.014 inch, 2-coil, Australian

Batch Number: 1132025

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	141.5°		0	129.0°	
30	135.5°	6.0°	30	124.0°	5.0°
50	130.5°	11.0°	50	120.0°	9.0°
80	123.0°	18.5°	80	113.5°	15.5°
110	117.5°	24.0°	110	107.5°	21.5°
130	113.5°	28.0°	130	104.0°	25.0°
180	103.0°	38.5°	180	95.5°	34.5°
230	94.0°	47.5°	230	87.5°	41.5°
280	86.5°	55.0°	280	80.0°	49.0°
330	80.0°	61.5°	330	75.0°	55.0°
380	73.5°	68.0°	380	68.5°	60.5°
430	70.5°	71.0°	430	63.0°	66.0°
480	67.0°	74.5°	480	59.0°	70.0°

Marked as: A

Marked as: B

TABLE VIII, b

Force - Deflection Measurements

TP Spring Pin - 0.014 inch, 2-coil, Australian

Batch Number: 1132025

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	122.5°		0	129.5°	
30	117.0°	5.5°	30	123.5°	6.0°
50	113.5°	9.0°	50	118.5°	11.0°
80	107.0°	15.5°	80	111.5°	18.0°
110	101.0°	21.5°	110	103.5°	26.0°
130	98.0°	24.5°	130	99.5°	30.0°
180	86.5°	36.0°	180	88.0°	41.5°
230	77.5°	45.0°	230	78.5°	51.0°
280	71.5°	51.0°	280	70.5°	59.0°
330	64.5°	58.0°	330	65.0°	64.5°
380	60.5°	62.0°	380	59.0°	70.5°
430	56.0°	66.5°	430	53.5°	76.0°
480	52.5°	70.0°	480	50.5°	79.0°

Marked as: C

Marked as: D

TABLE VIII, c

Force - Deflection Measurements

TP Spring Pin - 0.014 inch, 2-coil, Australian

Batch Number: 1132025

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	137.0°		0	129.0°	
30	131.0°	6.0°	30	122.0°	7.0°
50	126.5°	10.5°	50	118.0°	11.0°
80	120.0°	17.0°	80	112.5°	16.5°
110	114.5°	22.5°	110	106.5°	22.5°
130	111.0°	26.0°	130	102.5°	26.5°
180	101.5°	35.5°	180	93.5°	35.5°
230	91.5°	45.5°	230	84.5°	44.5°
280	88.0°	49.0°	280	77.0°	52.0°
330	80.5°	56.5°	330	72.0°	57.0°
380	75.5°	61.5°	380	66.0°	63.0°
430	71.0°	66.0°	430	62.5°	66.5°
480	67.0°	70.0°	480	58.0°	71.0°

Marked as: E

Marked as: F

TABLE VIII, d

Force - Deflection Measurements

TP Spring Pin - 0.014 inch, 2-coil, Australian

Batch Number: 1132025

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	138.5°		0	131.5°	
30	132.0°	6.5°	30	125.0°	6.0°
50	128.0°	10.5°	50	121.0°	10.5°
80	121.0°	17.5°	80	114.5°	17.0°
110	115.0°	23.5°	110	108.5°	23.0°
130	111.0°	27.5°	130	104.5°	27.0°
180	101.5°	38.0°	180	95.0°	36.5°
230	91.5°	47.0°	230	86.0°	45.5°
280	84.0°	54.5°	280	78.0°	53.5°
330	77.5°	61.0°	330	72.5°	59.0°
380	72.0°	66.5°	380	67.0°	64.5°
430	66.5°	72.0°	430	63.5°	68.0°
480	60.5°	78.0°	480	59.5°	72.0°

Marked as: G

Marked as: H

TABLE IX, a

Force - Deflection Measurements

TP Spring Pin - 0.014 inch, 3-coil, ortholoy

Batch Number: 3511018

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	121.5°		0	126.0°	
30.	115.5°	6.0°	30	119.5°	6.5°
50	111.0°	10.5°	50	115.0°	11.0°
80	105.0°	16.5°	80	108.0°	18.0°
110	99.5°	22.0°	110	100.5°	25.5°
130	95.0°	26.5°	130	96.0°	30.5°
180	83.5°	38.0°	180	84.0°	42.0°
230	74.5°	47.0°	230	77.5°	48.5°
280	69.5°	52.0°	280	74.0°	52.0°
330	66.0°	55.5°	330	68.5°	57.5°
380	61.5°	60.0°	380	65.0°	61.0°
430	58.5°	63.0°	430	62.5°	63.5°
480	53.5°	68.0°	480	59.5°	66.5°
530	50.5°	71.0°	530	56.0°	70.0°

Marked as: A

Marked as: B

TABLE IX, b

Force - Deflection Measurements

TP Spring Pin - 0.014 inch, 3-coil, ortholoy

Batch Number: 3511018

Force (gms)	Reading (degrees)	Angular Difference (Degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	129.0°		0	125.5°	
30.	122.0°	7.0°	30	119.0°	6.5°
50	117.0°	12.0°	50	114.5°	11.0°
80	109.5°	19.5°	80	108.5°	17.0°
110	102.5	26.5°	110	101.0°	24.5°
130	98.0°	31.0°	130	97.0°	28.5°
180	86.0°	43.0°	180	86.0°	39.5°
230	80.5°	48.5°	230	79.0°	46.5°
280	76.0°	53.0°	280	74.0°	51.5°
330	71.0°	58.0°	330	69.0°	56.5°
380	66.0°	63.0°	380	64.0°	61.5°
430	61.5°	67.5°	430	59.5°	66.0°
480	57.5°	71.5°	480	56.5°	69.0°
530	54.0°	75.0°	530	52.0°	73.5°

Marked as: C

Marked as: D

TABLE IX, c

Force - Deflection Measurements

TP Spring Pin - 0.014 inch, 3-coil, ortholoy

Batch Number: 3511018

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	134.0°		0	131.5°	
30	128.0°	6.0°	30	125.0°	6.5°
50	124.0°	10.0°	50	121.5°	10.0°
80	116.5°	17.5°	80	112.0°	19.5°
110	108.5°	25.5°	110	103.5°	28.0°
130	103.5°	30.5°	130	99.5°	32.0°
180	93.5°	40.5°	180	91.5°	40.0°
230	84.5°	49.5°	230	84.5°	47.0°
280	76.5°	57.5°	280	79.0°	52.5°
330	72.0°	62.0°	330	74.5°	57.0°
380	68.5°	65.5°	380	72.0°	59.5°
430	65.0°	69.0°	430	69.5°	62.0°
480	61.5°	72.5°	480	66.5°	65.0°
530	58.0°	76.0°	530	62.0°	69.5°

Marked as: E

Marked as: F

TABLE IX, d

Force - Deflection Measurements

TP Spring Pin - 0.014 inch, 3-coil, ortholoy

Batch Number: 3511018

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	132.5°		0	136.0°	
30.	126.0°	6.5°	30	130.0°	6.0°
50	122.5°	10.0°	50	127.0°	9.0°
80	116.0°	16.5°	80	120.5°	15.5°
110	108.5°	24.0°	110	111.5°	24.5°
130	104.5°	28.0°	130	106.5°	29.5°
180	89.0°	43.5°	180	90.5°	45.5°
230	79.5°	53.0°	230	83.5°	52.5°
280	74.0°	58.5°	280	76.5°	59.5°
330	68.5°	64.0°	330	73.0°	63.0°
380	65.0°	67.5°	380	69.0°	67.0°
430	61.0°	71.5°	430	66.0°	70.0°
480.	58.0°	74.5°	480	62.5°	73.5°
530	56.0°	76.5°	530	60.0°	76.0°

Marked as: G

Marked as: H

TABLE X, a

Force - Deflection Measurements

TP Spring Pin - 0.016 inch, 2-coil, Australian

Batch Number: 0712010

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	124.5°		0	129.5°	
30	119.5°	5.0°	30	125.5°	4.0°
80	114.0°	10.5°	80	118.0°	11.5°
130	108.0°	16.5°	130	101.0°	17.0°
180	103.0°	21.5°	180	106.0°	23.5°
230	97.5°	27.0°	230	101.0°	28.5°
280	94.0°	30.5°	280	96.0°	33.5°
330	90.0°	34.5°	330	92.0°	37.5°
380	86.5°	38.0°	380	87.0°	42.5°
480	80.0°	44.5°	480	81.5°	48.0°
580	73.5°	51.0°	580	74.0°	55.5°
680	69.0°	55.5°	680	70.0°	59.5°
780	65.5°	59.0°	780	64.0°	65.5°
830	63.0°	61.5°	830	62.5°	67.0°

Marked as: A

Marked as: B

TABLE X, b

Force - Deflection Measurements

TP Spring Pin - 0.016 inch, 2-coil, Australian

Batch Number: 0712010

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	124.5°		0	129.5°	
30	121.0°	3.5°	30	126.5°	3.0°
80	115.5°	9.0°	80	119.0°	10.5°
130	109.0°	15.5°	130	112.5°	17.0°
180	103.5°	21.0°	180	105.5°	24.0°
230	98.5°	26.0°	230	101.0°	28.5°
280	93.0°	31.5°	280	95.5°	34.0°
330	89.5°	35.0°	330	91.5°	38.0°
480	79.5°	45.0°	480	82.5°	47.0°
580	73.5°	51.0°	580	73.0°	56.5°
680	68.0°	56.5°	680	68.0°	61.5°
780	64.0°	60.5°	780	64.0°	65.5°
830	61.5°	63.0°	830	62.5°	67.0°

Marked as: C

Marked as: D

TABLE X, c

Force - Deflection Measurements

TP Spring Pin - 0.016 inch, 2-coil, Australian

Batch Number: 0712010

Force (gms)	Reading (degrees)	Angular Difference (Degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	128.5°		0	127.0°	
30	124.0°	4.5°	30	123.0°	4.0°
80	119.5°	9.0°	80	118.5°	9.5°
130	113.0°	15.5°	130	111.0°	16.0°
180	107.0°	21.5°	180	103.5°	23.5°
230	102.0°	26.5°	230	99.5°	27.5°
280	99.0°	29.5°	280	95.0°	32.0°
330	95.0°	33.5°	330	90.5°	36.5°
380	90.5°	38.0°	380	86.5°	40.5°
480	84.5°	44.0°	480	81.0°	46.0°
580	77.5°	51.0°	580	76.5°	50.5°
680	72.5°	56.0°	680	71.5°	55.5°
780	68.0°	60.5°	780	67.5°	59.5°
830	66.0°	62.5°	830	65.0°	62.0°

Marked as: E

Marked as: F

TABLE X, d

Force - Deflection Measurements

TP Spring Pin - 0.016 inch, 2-coil, Australian

Batch Number: 0712010

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	132.5°		0	131.0°	
30	129.0°	3.5°	30	126.0°	5.0°
80	121.5°	11.0°	80	120.5°	10.5°
130	115.0°	17.5°	130	114.0°	17.0°
180	108.5°	24.0°	180	108.0°	23.0°
230	103.0°	29.5°	230	104.0°	27.0°
280	98.0°	34.5°	280	99.5°	31.5°
330	94.5°	38.0°	330	95.5°	35.5°
380	89.5°	43.0°	380	90.5°	40.5°
480	85.0°	47.5°	480	86.5°	44.5°
580	78.5	54.0°	580	80.0°	51.0°
680	73.0°	59.5°	680	75.5°	55.5°
780	69.5°	63.0°	780	71.5°	59.5°
830	67.0°	65.5°	830	69.0°	62.0°

Marked as: G

Marked as: H

TABLE XI, a

Force - Deflection Measurements

TP Spring Pin - 0.016 inch, 2-coil, ortholoy

Batch Number: 143002

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	116.5°		0	118.5°	
30	112.5°	4.0°	30	114.0°	4.5°
80	101.0°	15.5°	80	104.5°	14.0°
130	94.5°	22.0°	130	97.5°	21.0°
180	90.0°	26.5°	180	92.5°	26.0°
230	84.5°	32.0°	230	87.5°	31.0°
280	80.0°	36.5°	280	82.5°	36.0°
380	73.5°	43.0°	380	78.5°	40.0°
480	66.0°	50.5°	480	70.5°	48.0°
580	58.5°	58.0°	580	66.0°	52.5°
680	56.0°	60.5°	680	63.0°	55.5°
730	54.0°	62.5°	730	61.5°	57.0°
765	53.0°	63.5°	765	60.5°	58.0°

Marked as: A

Marked as: B

TABLE XI, b

Force - Deflection Measurements

TP Spring Pin - 0.016 inch, 2-coil, ortholoy

Batch Number: 143002

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	131.5°		0	129.5°	
30	126.0°	5.5°	30	125.5°	4.0°
80	119.0°	12.5°	80	117.0°	12.5°
130	112.5°	19.0°	130	111.0°	18.5°
180	108.5°	23.0°	180	105.5°	24.0°
230	103.5°	28.0°	230	101.5°	28.0°
280	98.5°	33.0°	280	97.0°	32.5°
380	89.0°	42.5°	380	89.5°	40.0°
480	82.5°	49.0°	480	82.5°	47.0°
580	76.5°	55.0°	580	77.0°	52.5°
680	72.0°	59.5°	680	73.0°	56.5°
730	70.0°	61.5°	730	71.0°	58.5°
765	69.0°	62.5°	765	69.0°	60.5°

Marked as: C

Marked as: D

TABLE XI, c

Force - Deflection Measurements

TP Spring Pin - 0.016 inch, 2-coil, ortholoy

Batch Number: 143002

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	131.5°		0	133.5°	
30	127.5°	4.0°	30	128.5°	5.0°
80	120.5°	11.0°	80	122.5°	11.0°
130	115.0°	16.5°	130	117.0°	16.5°
180	110.5°	21.0°	180	112.0°	21.5°
230	106.5°	25.0°	230	108.5°	25.0°
280	100.5°	31.0°	280	103.0°	30.5°
380	92.0°	39.5°	380	95.5°	38.0°
480	86.5°	45.0°	480	88.0°	45.5°
580	80.5°	51.0°	580	84.0°	49.5°
680	75.0°	56.5°	680	78.0°	55.5°
730	73.5°	58.0°	730	76.0°	57.5°
765	71.0°	60.5°	765	74.0°	59.5°

Marked as: E

Marked as: F

TABLE XI, d

Force - Deflection Measurements

TP Spring Pin - 0.016 inch, 2-coil, ortholoy

Batch Number: 143002

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	120.5°	0°	0	115.5°	0°
30	115.5°	5.0°	30	111.0°	4.5°
80	107.5°	13.0°	80	103.5°	12.0°
130	102.0°	18.5°	130	96.0°	19.5°
180	98.5°	22.0°	180	91.5°	24.0°
230	93.0°	28.5°	230	83.5°	32.0°
280	89.5°	31.0°	280	79.5°	36.0°
380	83.5°	37.0°	380	74.0°	41.5°
480	77.5°	43.0°	480	69.0°	46.5°
580	71.5°	49.0°	580	65.0°	50.5°
680	68.0°	52.5°	680	61.0°	54.5°
730	66.0°	54.5°	730	59.5°	56.0°
765	64.5°	56.0°	765	58.5°	57.0°

Marked as: G

Marked as: H

TABLE XII, a

Force - Deflection Measurements

TP Spring Pin - 0.018 inch, 2-coil, ortholoy

Batch Number: 318900

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	129.0°		0	124.5°	
30.	126.0°	3.0°	30	121.0°	3.5°
80	121.0°	8.0°	80	114.5°	10.0°
130	117.0°	12.0°	130	110.5°	14.0°
180	112.5°	16.5°	180	106.5°	18.0°
230	109.5°	19.5°	230	104.0°	20.5°
280	105.5°	23.5°	280	99.0°	25.5°
330	101.5°	27.5°	330	95.0°	29.5°
380	98.0°	31.0°	380	92.0°	32.5°
480	92.5°	36.5°	480	86.5°	38.0°
580	85.5°	43.5°	580	81.5°	43.0°
680	82.0°	47.0°	680	75.5°	49.0°
780	77.5°	51.5°	780	71.5°	53.0°
880	73.0°	56.0°	880	67.5°	57.0°
980	69.5°	59.5°	980	64.5°	60.0°
1080	67.0°	62.0°	1080	61.5°	63.0°

Marked as: A

Marked as: B

TABLE XII, b

Force - Deflection Measurements

TP Spring Pin - 0.018 inch, 2-coil, ortholoy

Batch Number: 318900

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	131.5°		0	127.0°	
30	128.5°	3.0°	30	123.0°	4.0°
80	123.0°	8.5°	80	119.5°	7.5°
130	119.5°	12.0°	130	116.0°	11.0°
180	115.0°	16.5°	180	112.5°	14.5°
230	110.5°	21.0°	230	108.0°	19.0°
280	107.0°	24.5°	280	103.5°	23.5°
330	104.0°	27.5°	330	100.5°	26.5°
380	100.0°	31.5°	380	97.5°	29.5°
480	94.5°	37.0°	480	90.5°	36.5°
580	89.0°	42.5°	580	85.0°	42.0°
680	85.5°	46.0°	680	81.5°	45.5°
780	81.5°	50.0°	780	78.0°	49.0°
880	78.0°	53.5°	880	75.0°	52.0°
980	74.5°	57.0°	980	72.0°	55.0°
1080	72.0°	59.5°	1080	69.0°	58.0°

Marked as: C

Marked as: D

TABLE XII, c

Force - Deflection Measurements

TP Spring Pin - 0.018 inch, 2-coil, ortholoy

Batch Number: 318900

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	128.5°		0	139.0°	
30	125.5°	3.0°	30	135.5°	3.5°
80	120.5°	8.0°	80	132.0°	7.0°
130	116.5°	12.0°	130	129.0°	10.0°
180	113.0°	15.5°	180	126.5°	12.5°
230	110.5°	18.0°	230	124.0°	15.0°
280	107.0°	21.5°	280	121.5°	17.5°
330	103.5°	25.0°	330	119.0°	20.0°
380	101.0°	27.5°	380	115.5°	23.5°
480	96.0°	32.5°	480	112.5°	26.5°
580	90.0°	38.5°	580	106.0°	33.0°
680	86.5°	42.0°	680	99.5°	39.5°
780	83.0°	45.5°	780	94.5°	44.5°
880	79.5°	49.0°	880	89.5°	49.5°
980	76.5°	52.0°	980	85.5°	53.5°
1080	73.5°	55.0°	1080	81.0°	58.0°

Marked as: E

Marked as: F

TABLE XII, d

Force - Deflection Measurements

TP Spring Pin - 0.018 inch, 2-coil, ortholoy

Batch Number: 318900

Force (gms)	Reading (degrees)	Angular Difference (degrees)	Force (gms)	Reading (degrees)	Angular Difference (degrees)
0	128.0°		0	123.5°	
30	124.0°	4.0°	30	120.0°	3.5°
80	119.0°	9.0°	80	115.0°	8.5°
130	115.5°	12.5°	130	112.0°	11.5°
180	111.0°	17.0°	180	108.0°	15.5°
230	107.0°	21.0°	230	104.5°	19.0°
280	104.5°	23.5°	280	100.5°	23.0°
330	101.0°	27.0°	330	97.5°	26.0°
380	98.0°	30.0°	380	94.5°	29.0°
480	92.5°	35.5°	480	88.0°	35.5°
580	86.5°	41.5°	580	83.0°	40.5°
680	82.5°	45.5°	680	78.5°	45.0°
780	78.0°	50.0°	780	74.5°	49.0°
880	74.0°	54.0°	880	71.0°	52.5°
980	70.0°	58.0°	980	68.0°	55.5°
1080	67.5°	60.5°	1080	65.0°	58.5°

Marked as: G

Marked as: H

TABLE XIII, a

Means and Standard Deviations Derived From
Force - Deflection Measurements

Type of Spring Pin - 0.014 inch, 2-coil, ortholoy

Batch Number: 0911007

<u>Force</u> (gms)	<u>Mean</u> (degrees)	<u>S.D.</u> (degrees)
0	-	-
30	7.7°	0.53°
50	12.4°	1.66°
80	18.4°	2.39°
110	23.9°	2.74°
130	27.6°	2.73°
180	35.3°	2.12°
230	42.5°	2.38°
280	48.4°	2.38°
330	53.6°	2.47°
380	58.0°	2.37°
430	62.1°	1.83°
480	65.8°	2.31°
530	69.1°	2.26°

Marked as: 1

TABLE XIII, b

Means and Standard Deviations Derived From
Force - Deflection Measurements

Type of Spring Pin - 0.014 inch, 2-coil, Australian

Batch Number: 1132025

<u>Force</u> (gms)	<u>Mean</u> (degrees)	<u>S.D.</u> (degrees)
30	6.0°	0.60°
50	10.3°	0.84°
80	16.9°	1.08°
110	23.1°	1.47°
130	26.8°	1.75°
180	37.0°	2.25°
230	45.9°	2.73°
280	52.9°	3.37°
330	59.1°	3.11°
380	64.7°	3.50°
430	69.0°	3.66°
480	73.1°	3.69°

Marked as: 2

TABLE XIII, c

Means and Standard Deviations Derived From
Force - Deflection Measurements

Type of Spring Pin - 0.014 inch, 3-coil, ortholoy

Batch Number: 3511018

<u>Force</u> (gms)	<u>Mean</u> (degrees)	<u>S.D.</u> (degrees)
30	6.4 ^o	0.35 ^o
50	10.4 ^o	0.94 ^o
80	17.5 ^o	1.44 ^o
110	25.1 ^o	1.78 ^o
130	29.6 ^o	1.80 ^o
180	41.5 ^o	2.45 ^o
230	49.1 ^o	2.49 ^o
280	54.6 ^o	3.33 ^o
330	59.2 ^o	3.28 ^o
380	63.1 ^o	3.16 ^o
430	66.6 ^o	2.51 ^o
480	70.1 ^o	3.45 ^o
530	73.4 ^o	2.88 ^o

Marked as: 3

TABLE XIII, d

Means and Standard Deviations Derived From
Force - Deflection Measurements

Type of Spring Pin - 0.016 inch, 2-coil, Australian

Batch Number: 0712010

<u>Force</u> (gms)	<u>Mean</u> (degrees)	<u>S.D.</u> (degrees)
30	4.1°	0.73°
80	10.2°	0.92°
130	16.5°	0.76°
180	22.8°	1.22°
230	27.6°	1.18°
280	32.1°	1.75°
330	36.1°	1.69°
380	40.6°	1.99°
480	45.8°	1.53°
580	52.6°	2.39°
680	57.4°	2.37°
780	61.6°	2.68°
830	63.8°	2.31°

Marked as: 4

TABLE XIII, e

Means and Standard Deviations Derived From
Force - Deflection Measurements

Type of Spring Pin - 0.016 inch, 2-coil, ortholoy

Batch Number: 143002

<u>Force</u> (gms)	<u>Mean</u> (degrees)	<u>S.D.</u> (degrees)
0	-	-
30	4.6°	0.56°
80	12.7°	1.51°
130	18.9°	1.94°
180	23.5°	2.02°
230	28.7°	2.81°
280	33.3°	2.51°
380	40.2°	2.09°
480	46.8°	2.37°
580	52.3°	3.01°
680	56.4°	2.59°
730	58.2°	2.67°
765	59.7°	2.60°

Marked as: 5

TABLE XIII, f

Means and Standard Deviations Derived From
Force - Deflection Measurements

TP Spring Pin - 0.018 inch, 2-coil, ortholoy

Batch Number: 318900

<u>Force</u> (gms)	<u>Mean</u> (degrees)	<u>S.D.</u> (degrees)
30	3.1 ^o	1.12 ^o
80	8.3 ^o	0.92 ^o
130	11.9 ^o	1.16 ^o
180	15.8 ^o	1.69 ^o
230	19.1 ^o	1.98 ^o
280	22.8 ^o	2.40 ^o
330	26.1 ^o	2.80 ^o
380	29.3 ^o	2.82 ^o
480	34.8 ^o	3.70 ^o
580	40.6 ^o	3.44 ^o
680	44.9 ^o	2.95 ^o
780	49.1 ^o	2.85 ^o
880	52.94 ^o	2.82 ^o
980	56.3 ^o	2.83 ^o
1080	59.3 ^o	2.54 ^o

Marked as: 6

TABLE XIV, a

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Angular Deflection MeasurementsType of spring-pin - 0.014 inch, 2-coil ortholoyBatch number: 0911007

Initial Reading	Angular Deflection	Reading After Deflection	Angular Difference
136.5°	0°		
131.5°	5°	134.5°	2.0°
126.5°	10°	134.0°	2.5°
121.5°	15°	133.5°	3.0°
116.5°	20°	133.5°	3.0°
111.5°	25°	132.5°	4.0°
106.5°	30°	132.0°	4.5°
101.5°	35°	131.5°	5.0°
96.5°	40°	131.0°	5.5°
91.5°	45°	130.0°	6.5°
86.5°	50°	130.0°	6.5°
81.5°	55°	129.5°	7.0°
76.5°	60°	129.0°	7.5°
71.5°	65°	129.5°	7.0°
66.5°	70°	128.0°	8.5°
61.5°	75°	127.5°	9.0°

Marked as: A

TABLE XIV, b

Angular Deflection Measurements

Type of spring-pin - 0.014 inch, 2-coil ortholoy

Batch number: 091107

Initial Reading	Angular Deflection	Reading After Deflection	Angular Difference
138.5°	0°		
133.5°	5°	137.5°	1.0°
128.5°	10°	137.0°	1.5°
123.5°	15°	136.0°	2.5°
118.5°	20°	135.5°	3.0°
113.5°	25°	135.5°	3.0°
108.5°	30°	135.0°	3.5°
103.5°	35°	134.0°	4.5°
98.5°	40°	134.0°	4.5°
93.5°	45°	133.5°	5.0°
88.5°	50°	133.0°	5.5°
83.5°	55°	132.5°	6.0°
78.5°	60°	131.5°	7.0°
73.5°	65°	130.0°	8.5°
68.5°	70°	130.0°	8.5°
63.5°	75°	129.5°	9.0°

Marked as: B

TABLE XIV, c

Angular Deflection Measurements

Type of spring-pin - 0.014 inch, 2-coil ortholoy

Batch number: 0911007

Initial Reading	Angular Deflection	Reading After Deflection	Angular Difference
133.5°	0°		
128.5°	5°	132.0°	1.5°
123.5°	10°	131.5°	2.0°
118.5°	15°	131.0°	2.5°
113.5°	20°	131.0°	2.5°
108.5°	25°	130.5°	3.0°
103.5°	30°	130.0°	3.5°
98.5°	35°	129.5°	4.0°
93.5°	40°	129.5°	4.0°
88.5°	45°	129.0°	4.5°
83.5°	50°	128.5°	5.0°
78.5°	55°	128.0°	5.5°
73.5°	60°	127.0°	6.5°
68.5°	65°	126.5°	7.0°
63.5°	70°	126.0°	7.5°
58.5°	75°	125.0°	8.5°

Marked as: C

TABLE XIV, d

Angular Deflection Measurements

Type of spring-pin - 0.014 inch, 2-coil ortholoy

Batch number: 0911007

Initial Reading	Angular Deflection	Reading After Deflection	Angular Difference
135.0°	0°		
130.0°	5°	133.5°	1.5°
125.0°	10°	133.0°	2.0°
120.0°	15°	132.5°	2.5°
115.0°	20°	132.5°	2.5°
110.0°	25°	132.0°	3.0°
105.0°	30°	132.0°	3.0°
100.0°	35°	131.5°	3.5°
95.0°	40°	131.5°	3.5°
90.0°	45°	130.5°	4.5°
85.0°	50°	130.5°	4.5°
80.0°	55°	130.0°	5.0°
75.0°	60°	129.0°	6.0°
70.0°	65°	128.5°	6.5°
65.0°	70°	127.5°	7.5°
6.0°	75°	126.5°	8.5°

Marked as: D