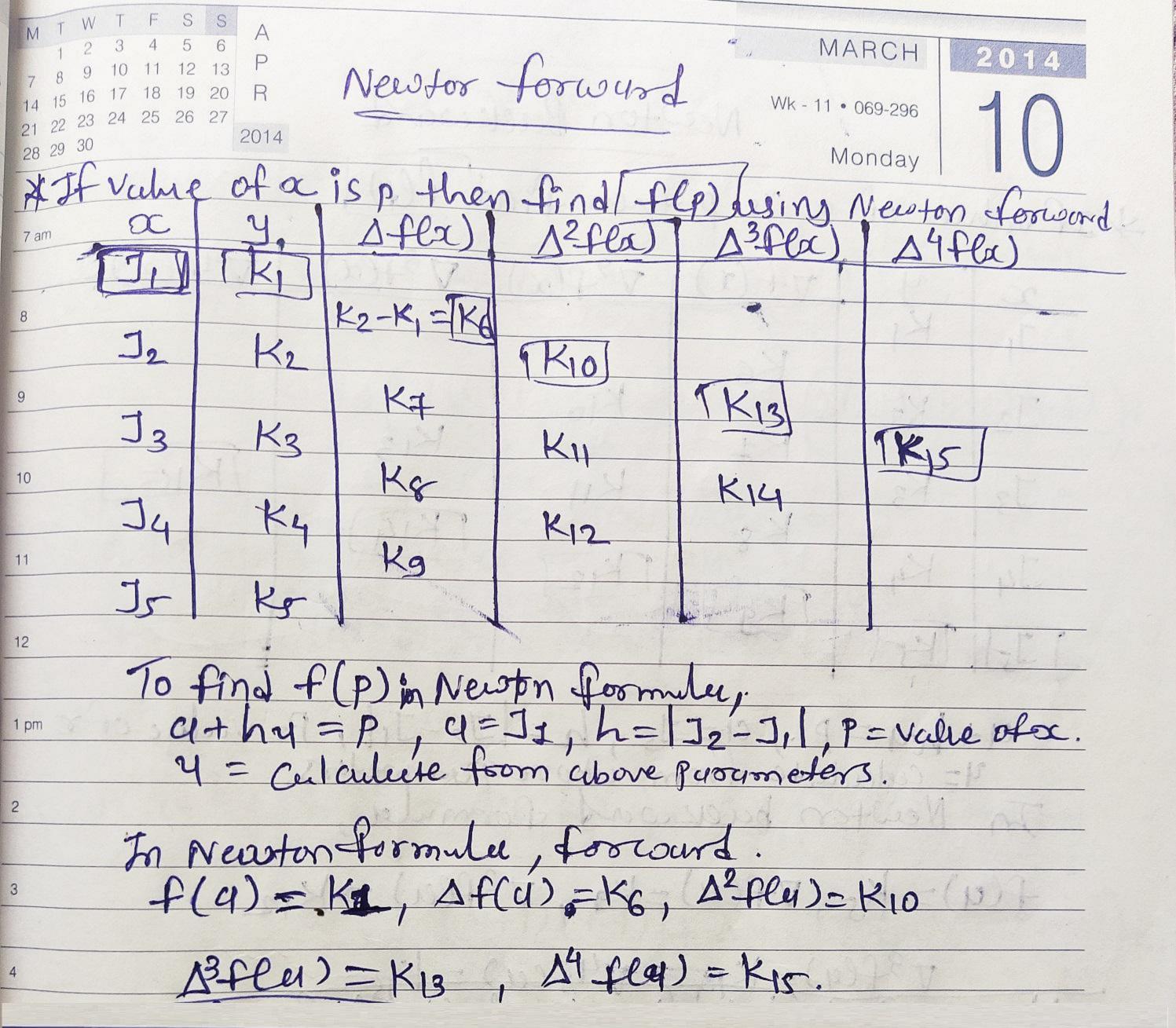
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Wk - 18 • 124-241 Sunday	Equal Intervals, 2014 26 27 28 29 30 31
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MARCH Newton Wk-10.066-299 Formulu	A 3 4 5 6 R 10 11 12 13 17 18 19 20
Friday	2014 24 25 26 27
* f(u+hy) = f(u) + steer) (4) + steer	1) (4(4-1)
9	•
+ 13 flat (4-1) (4-2) +.	0000
11 athy = Valye of oc to find value of J == first value of ocin teeble	
h = difference of a values in tube H = ceen be culculate from above the value of a and h.	est wo
* Newton Buckward (V Neblu)	
3 Plu+hy)= 1-fler) + 7fler) (4) + 72f	Cu)(y(4+1)
$+ \nabla^{3}(fu)(u+1)(u+2)+$	
6 exthen = value of a to find value 9 = least value of a in tuble	of J.
h= différence of a valuel int u= cein be certaglate from alor Parameters ce and h.	ubles.

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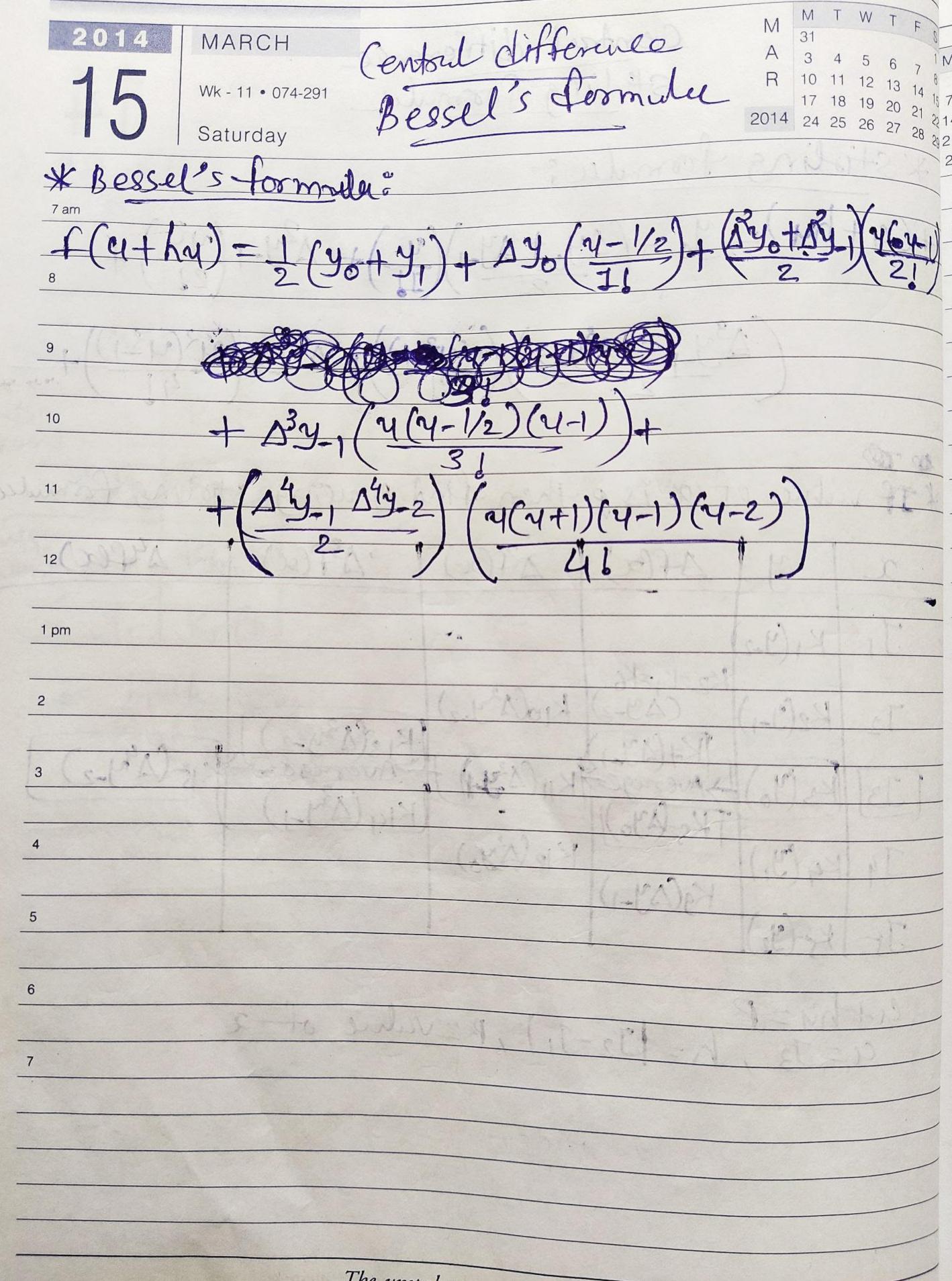


MARCH Newton Bulkward 2014 24 25 26 27 28 of a is p then find flep) V3.fla) K13 4= certailete from above parameters, 2 In Newfor backward formula : Ply) = K5, V-flee) = K9, V2flee) = 73fly)=K14, 74feu)-K16

MIWIFSSA Centrul différence MARCH 2014	
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21 22 28 29 30 Wednesday	
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3 y ( ( ( 1 + 1) ( ( 1 - 1) ) + Δy - 2 ( ( ( 1 + 1) ( ( 1 - 1) ) ( ( 1 - 2) ) )	1+
10	
4thy = value of a to find value of y.	
11 a = Central value of or on table.	
h = difference of values or in teuble.  12 Y = cer/culeites from above two pyrumeters.	
12 9 = cerculetes from above two Pyrumeters.	
1 m * Granss Backwards	
Pla+hu) = yo, + sy, (y) + sy, (y(4+1)) +	
U- 11. A Line of the state of t	
$\Delta^{3}y_{-2} \left( \frac{y(y+1)(y-1)}{31} + \Delta^{4}y_{-2} \left( \frac{y(y+1)(y-1)(y+2)}{41} \right) \right)$	
31 41	+
4+ hy = vulne of x to Lind vulne of y	
u= vata central value of a in table h= difference of values an table	
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1 - Carrotte 480.	

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11 113	[K3(Y0)]	-KAAY	KHOS	1-13-1×	1. (A311 160	5 ( )-2
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M T F S S A Central difference MARCH 2014  7 8 9 10 11 12 13 P  7 8 16 17 18 19 20 R  Stirling formula Wk-11.073-292  14 15 16 17 18 19 20 T  2014  Friday  Friday
Flathy = yo + ( Ay + Ay - ) ( 4 ) + A2y - 1 ( 42 ) +
$\frac{(\Delta^{3}y_{-1} + \Delta^{3}y_{-2})(\Psi(Y^{2}-1))}{2} + \Delta^{4}y_{-2}(\Psi^{2}(Y^{2}-1)) + \Delta^{4}y_{-2}(\Psi^{2$
** If value of ox is p then find y using stoling formula
12 2 9 2+(2c) A+(2c) A+(2c) A+(2c) A+(2c)
2 J2 K2(9-1) (A9-2) K10(A <sup>2</sup> y-2)  K7(Ay-1) K13(A <sup>3</sup> y-2)  (A <sup>3</sup> y-2) K10(A <sup>2</sup> y-2)  3 J3 K2(y-1) K2(y-2) K10(A <sup>2</sup> y-2)  Average K10(A <sup>2</sup> y-2)
J4 K4 (Y,) K9(DY-1) K12 (D'Yo) K14 (D'Y-1)
5 $J_{5}$ $K_{5}$ $(J_{2})$ 6 $U+h_{4}=P$ $U=J_{3}$ , $h=J_{2}-J_{1}$ , $P=value$ of $X$ .
$q = J_3, h = J_2 J_1 J_1 = 0$



The unspoken word never does harm.

Interpolation for Equal interval	Newton forward
2 Sprimare the population in 1895 × 1925	f(a+h4)=f(a)+4 Df(a)+416-1)Bf(a)+416-11/6-103f(a)+416-1)(4-4(6-1) 5+f(a)+
from following statis	a+hu=1895, a=1891, 4=10
year 1891 1901 1911 1921 1931	1891+104=1895 / 46+04x20+04(04-1)x-5-6+04(04-1)(04-4x2-6
Population 46 66 81 93 101	4=04 = Ans+04(04-1)(04-4(04-1)x-3=25
(895) (891) (46) (54x) (54x) (54x) (895) (891) (66) (20)	f(1895)=46+ 6.4 (20)+0.4(0.4-1)(-5)+0.4(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-1)(0.4-
1901 (66) 20	fathy)=fackward
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1927 193 12 -3 B	1931+104=1925 = 104=-6=34=-0.6  1931+104=1925 = 104=-6=34=-0.6  1931+104=1925 = 104=-6=34=-0.6  3 = 104=0.0(8) f-0.0(0.0(4)) (4) + (0.0) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4)) (-0.0(4))
131 101 8 -4 De 1	= 36.8368 8 9 (4) + (00) (-0) (-1) + (00) (-1) + (00) (-1) (-1) (-1) (-1) (-1) (-1) (-1) (-1

Ind the lowest degree Polynomial J(n)
that fit the data, find (J(S))

1 5 9 61 209 501

$$f(a+hy) = f(a) + \frac{y}{y} pf(a) + \frac{y(h-1)}{y} f(s) + \frac{y(h-1)(h-1)}{y} \frac{y}{y} f(a) + \frac{y}{y} \frac{y}{y} f(s) + \frac{y}{y} f(s)$$

	f(x)=y	ota	04(x1	Ofen	Offeri
© 2 4	9	4			DIPA
6	209	148	96	98	
3	, ,	595	199	48	0
	1				
	,		+	$- \downarrow$	

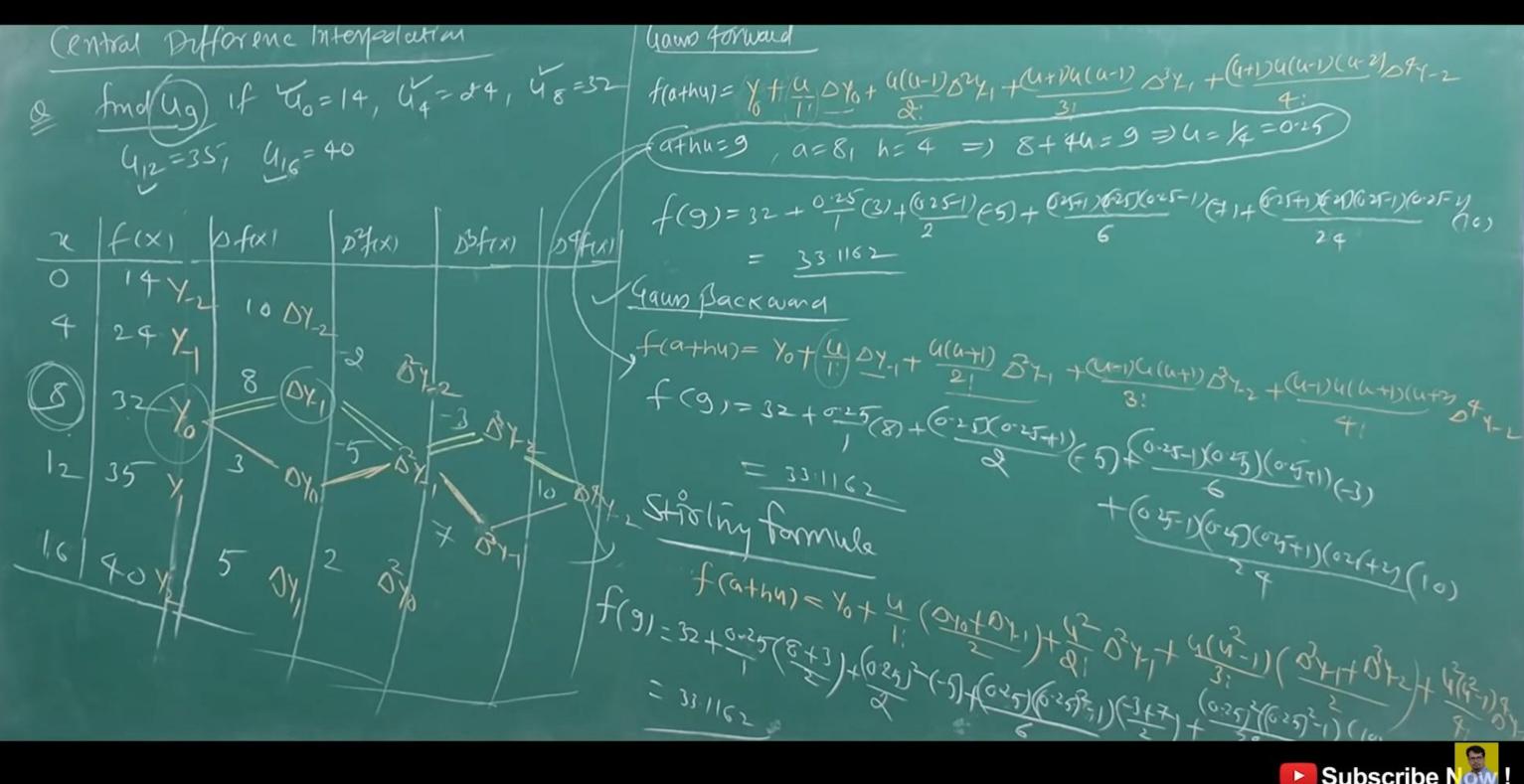
$$f(x) = x^3 - 2x + 5$$

$$Y(5) = f(5) = (5)^3 - 2(5) + 5$$

$$= 120$$

& find Number of Men getting ways between Rp. 10 4 Rs-15 From followky Dala ways 0-10 16-20 20-30 Frequency 9 20 1 DF(X) DY(X) BFIXI @ below 10 Sclow 20 30+9=39 pelon 30 39+35=74 below40 |74492=116|

Newty formend frather= front 40 fra+416-150 fra+416-1/6-13 fra +a + hu = 15, a = 10, 4 = 10 10+104=15 =) 104= 5 =) 4=05 f(15) = 9+0.5 (30)+0.5(0.5-1)(5)+(0.5)(0.5-1)(0.5-1)(2) - 23.5 = 24 Lence Number of man getting wayes petmosn 108 15 1 = 24-9=15



$$f(a+h+1) = (70+71) + (4-16) = 670 + 4(4-1)(670+1671) + (472)4(41) = 671 + 4(4+1)(4(4-1)(4-1)(4-1)) = 671-1 + 672-1 = 671-1 + 672-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 = 671-1 =$$