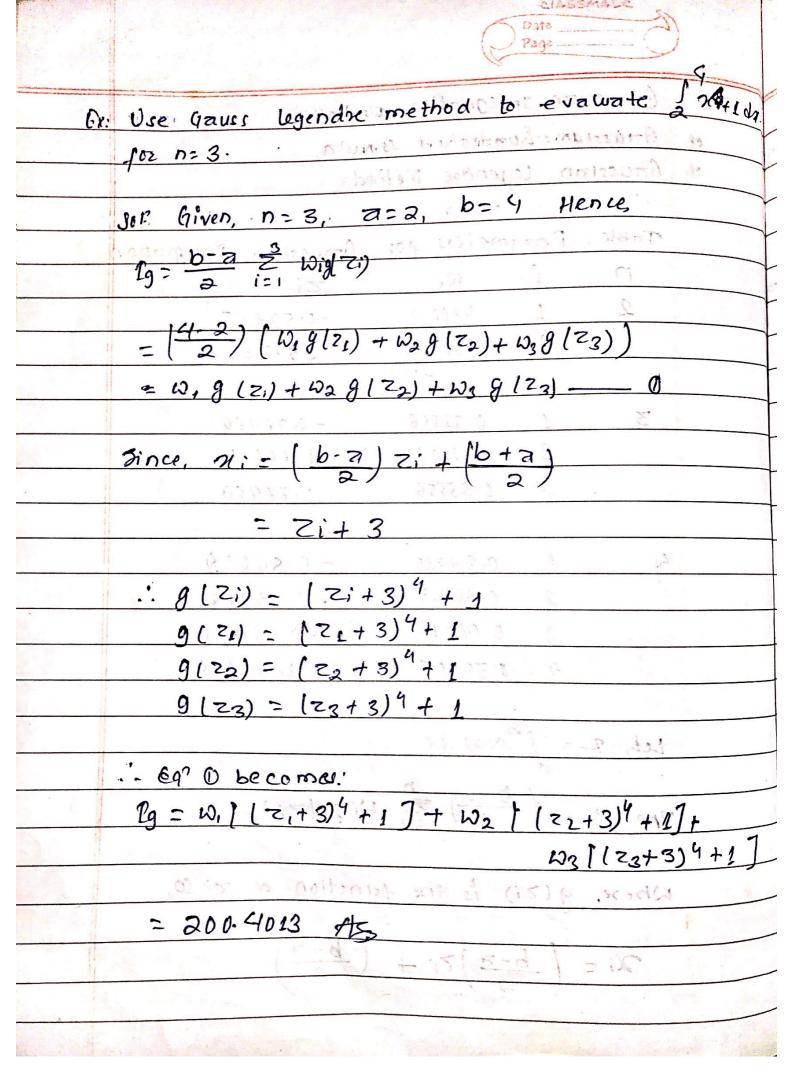


1300	Gaussian Integration Method:
OP.	Gaussian Buadrotux formuta:
匠	Gaussian Legendre Method:
	the fire of the state of the state of
	Table: Parameters for Gaussian Entegration:
	n i wi zi
	2 1 1.00000 -0.57735
	2 1.00000 057785
	0 0 0 1 - 1 - 1 0 0 - 1 0 0 0 0 0 0
	3 1 0.55556 -0.77460
	2 0.88889 0.00000
	3 0.55556 0.77460
	4 1 0.34725 -0.86114
	2 0.65215 - 0.33998
	3 0.65215 + 0.33998
	4 0.34785 + 0.86114
	1 + 1 (2 + 65) = 64010 + 81
	Let, $T = \int_{a}^{b} f(x) dx$
	The $1g = \left(\frac{b-a}{a}\right) \stackrel{h}{\geq} Wig(zi)$
17	
1 24	Where, glzi) is the function of ziso,
<u> </u>	where, g(zi) is the farection of zince,
	$\chi_i = \left(\frac{b-3}{2}\right)\zeta_i + \left(\frac{b+3}{2}\right)$



<i>Q</i> ₅	Solve	by	Gauss	Buadrature	3-point	method. $\int_{0}^{1} \frac{1}{1+\chi^3} dx$
	Ans:	0.83	59			