

किनकम ५८०७ 1) higher accuracy 2) less computation more independent variables

How dowe make those egm?

(noy) -s a point on fint spline

a, x02+00 b, x, +Co = f(x0) -) a(5)2 + b,5 + C = 10 7 a, x,2+ b, x,2+c, = f(x,) >>> 00 a;(10)²+ b;(10) +c; = 11

 $a_2 x_1^2 + b_2 x_1 + C_2 = b(x_1)$ a2x2+ b2x2+ C2 = f(x2)

in this way we get & 2n earn. we still need THE PHATE WATER ALL

\$ (3) = 9x116x1C1 (x0 = (8) \$

Hon that WE'll calc DERIVATIVES.

(21, y1) -> spline 1 8 2 (25/00 (x1, y1) 26 derivation VE साउद्गा प्राप्त. एलार ntr ean अर कारी भना ean आउमा मार 2a2x+b2 devivative. ob(x,y) $\frac{1}{2}a_{1}x_{1}+b_{1}=\frac{2}{2}a_{2}x_{1}+b_{2}$ 1927 20, m=13 =>) 203x. +63 = 204x 2012x+62 this way, we get (or-1) spleen B Still need 1 more () (00 promone or promone or promone or line of promone or promone

3NO QUES 2015 September Thursday ১৮ জিলকদ ১৪৩৬ $f(x) = l_0(x)f(x_0) + l_1(x)f_1(x_1) + l_2(x)f_3(x_2)$ do = (x-x1) (x0-x2) x = 754.8x=911.3 $\chi_0 = 636.0$ x2 = 951.1 f(x6)=30.131 f(2) = 50.128 ১৯ জিলকদ ১৪৩৬ ২০ ভদ্র ১৪২২ f(x) = 35.089°C Ea = 2.0543%

3@ 3n egms.

