25 00 20 1 7 5 27 Parxy -13 +5x -4x+1, X-1, Tourson P(x) = P(x0) + P(x0) (x-x0) + P(x0) (x-x0)+ \*\*\*\* + P" (xe) (x-xe)" + 0 ((x-xe)") 1) The year, Mast 1 => xord (Teop x to) 2) PIN=14-13+5 12-4.1+1=1-115-81-3) P(1)= 4x3-3x2.10x-4 P(+) = 4 -3 + 10 = 7 4) P"(1)= 12,2 -6x +10 PF(+) = 12-6+10=16 5) P" N= 24x-6 P"(4)= 24-6= 19 OP = (0) = 24

p(x) (1) = Z4 1) P (x)=0 THE OYGET OTGELLHE KARALAMINE OCTOTORN THENOR 1) P(x)= P(1) + P(1) (x-1) - P(10) (x-1)? x p'(1) (c-1)3 + poly (x1) = 2+ 7 - (x-1) +  $+\frac{16}{2}(x-1)^2 + \frac{18}{6}(x-1)^3 + \frac{24}{74}(x-1)^4 =$ = 2+ 7/x-+) + 8(x-1)2 + 3(x-1)3 + 1/x-+)4 17.329 P(1)=x3+4x+6x-7, x0=-1 1) Xo=-1 2) P(-1) = -1 + 4 +8-8 = 1; 3) P(X) = 3x2 12x -6 P1-11= 3-2-6-11

4) P(D= 6x+8 p11211 = -6-8=24 5) P'61=6: 1 (4956; 6) for (1) = 0; = ne ny que gonne or gentin 42 7) PEN = 12 = 1/(xxx) + 2 (xxx) + 6 (xxx) = = 4 - 11(844) 4 (848)2 + 184 + 16

PW-x - 30" + 7x +2; xo=2 2) P(2) = 32 - 48 + 14 + 2 = 0 3) P(x) = 5x4 - 12x3 +7-P'(2)= 5.16-12.7+7=-3 4) P'(x) = 20x3 - 36x2 P"(2) = 160 - 144 = 16 5) P"(x) = 60x2 - 72x P" (2) = 240 - 149 = 36 6) p(4) (x) = 120x - 72 P(4)(2)= 240- 72 = 168 7) p (5) (x) = 120 p(5)(2)= 120 8) p(x)=0 -> ne ny 2 no gon. pasax 9) P(x) = (-3) + (x-2) + (x-2)2 + (x-2)3 + (x-2)4 +  $+\frac{120}{120} \cdot (x-2)^5 = (x-2)^5 + 7(x-2)^4 + 16(x-2)^3 + 8(x-2)^2 - 9(x-2)$ 

@ f(x) = \$ x x x = 1 , To x 10 y 3) P(1) = (2) = # - 12 p14) = - f = -1 4) 84(x) = 0 = 3 P/17=2 57+11/1/2 - x = -2.3.x PM(1)= -6 =-1.2.3 OPW(x) = -2.5.44 . x = 2-3.4. 1 P 4) = 2.3.4. 75.24 p) + (1/= (2.3.4.x") = 2.3.4.(-5).x"= = -2.3.4.5. \$ PB) =- 2.3.4.5 . 7 = -1.2.3.4.5 34 consephents + + (-4) x .x!

f'(1)=-1 P" (D=12 7 (-1)"-n1 P"(1) 2-1.2.3 p(5)(4) = .4.2.3.4.5 ) 2 4 3+ 3 63×4 6114. 11 flo (1)=1.2.3.4 o) P(x) = P(1) + P(0) . (x-1) + P(1) . x-12 + - P" (1) · (X-1)3 + P(1) (1) (X-1)4 + + F(1) (1) (X-1)2. 10((x-1)")= - 1+ (-1) fx-1) + 1(x-1)2 -8(x-1)3 +(x-1)4. + + (-1)" . (x-1)" + o((x-1)), x >1

@ Palvareigx , Marionenigo das Il To gestion muso pagios go all = Hangen P'10) , P'(0) , P'(0) 3) 1 (0) = (210190) = 0 W/ (1) = ( aresy ) = Tyr 2501- 521 3) p(x) = (1/2) = (1/2 x2) 1 = -1 (112) 1 (100) - - 10x132 - (CHRX) - - Trails 19/01 = 13/00 = - = 0 6) + 11 = (-2x) = (-2x)(12x9) = (-2x)(12x9) - Z(1+x2) 12x . 2(1+x2) . (2x) =-2(4+x2) - 8x2(1+x2) (4+x2)(-2-(4+x2)+8x2) --2-2x218x2 - 6x2-2

1"(0) = 0-2 - 2 1) f(x1-f(0)+ f(0) x + f'(0) 2 , f''(0) 2 , 10(x3) = 0 + x + 60 x3 + 0(x3) = - 1- 1 x3+0 (x3) - Заполнить ветки догума - N 7.3.32 - P.3133 -2335 - DONORHUTH OTHER 27.332 f(x) = 2 x; Xo = 10923 1) f(x0) = 210923 =3 2) P'(x)= 2. f'(x0)=2; 3) f'(x) =0; => OCT. YIEH HE TPEOGETE 4) f(x) = 3+ = (x-10923) + = (x-10923)2-= (x-109.3) + 2(x-109,3) +3