$$P_{3}(x) = f(x_{3}) = f(x_{3})$$

$$A = (x + \frac{\pi}{2}) \cdot 0 - (x - 0)(-1) = x \cdot \frac{2}{\pi}$$

$$(xx) = (x+\frac{\pi}{2}) \cdot 0 - (x-0)(-1) = x \cdot \frac{2\pi}{4\pi}$$

$$(xx) = (x-0) \cdot \frac{1}{2} \cdot (x-\frac{\pi}{2}) \cdot 0$$

$$= x \cdot \frac{2\pi}{4\pi}$$

$$= x \cdot \frac{2\pi}{4\pi}$$

$$= x \cdot \frac{2\pi}{4\pi}$$

$$=\frac{2x+\pi}{2}\sum_{T}^{2x}+\frac{-2x+\pi}{2}\sum_{T}^{2x}=\frac{2}{\pi}\times.$$

Furthollophin. 3 (4x3+10x+8+2+20x) - (42+16x+18x-42-16x-18) Faser 1 - 2 (4x240x) 6x7-2 4833 Faser 1x-0 (6x3)-(x2) (2x4) 7 234(x) (2x+1) - (x-1) - 3(2x+3) Firsy (x) = (x+2) (42,00) - (x-1) - (1,2,16418) > 2(4x2: +2) = 15. Test) (x+2). [.(2x+3) - (x0, g) (2x+5) Luwer Ma 745/2 [X-1).9-(x-2).3 = 134(x) = (x-0), 3-(x-1). P3(x)= (x41).(-(x-0).3 +3(2×+3) 2 2X+L 8 x -3 Pay Tumbo X = 2 | 1814=9 X2=-12(0/2) x=16(x)=3 X3 SOPIES 1

Firsus(a) = (x+2). (,(b) - (x-2).1,(t) = 1,7083. (d)) = (x41).15-(x2).118(3) = (/6) (t)15 51,8(3) £0,5, (5, 1,5, 5, 5, 5, 1, (7)

P(Xi) = \$\frac{1}{xi} \tag{\frac{1}{3}}. Trexpuneur, fara restageres quordistica. X1 / X2 / X3 / X1. Voear &[x2,x3]- \$[x1x2 Tie x=x3. own a (x-x1)(x-x2) \$0 935 P2(x3) - f[x1] - f[x1x2] (x3-X1)
(x3-X1) (x3-X2) 03= f(x3)- f[x1]- f[x1x3] (x3-x1) (×3-×1)(×3-×2) $Q_3 = \frac{f[x_3] - f[x_4]}{x_3 - x_2} - \frac{f[x_1 \times 2]}{x_3 - x_2} \frac{x_3 - x_1}{x_3 - x_2}$ (83-84)... $Q_3 = \frac{f[x_2] - f[x_1]}{x_3 + z} - \frac{f[x_2] - f[x_1]}{x_2 - x_1} \cdot \frac{x_3 - x_1}{x_3 + z}$ = x2f[x3]. -42f[x3] - x2f[x3] + x2f[x] - x2f[x3] + x2f[x 5 f(x1](x3-x2) + f[x3](x2-x1) (x3-x2) (x2-x1)

42 f[x3]-x2f[x2]-x1f[x2]+x4f[x2]-x2f[x2]+x2[[x1]+x2f[x2] -X2fIXI (x3-x2) (x2-x1) (×3-×1) (42-x1) (f[x3]-f[x1] = (x3-x2) (f[x2]-f[x1] (x3-x2) (x2-x1) (K3-KI) ftx2]-ftx1] X2-X1 \$5x2,X3]- \$[X1,X2] X3-X1 \$ [X1, X2, X3]