4.2 17= ±: Pg3. 10.
育: $e^{-x_1} + 2x_2 = 1.97$ 根沿级界成等标刊式: $\begin{cases} x_1 = 1.2 - e^{-2x_2} \\ x_1 + e^{-2x_2} = 1.2 \end{cases}$ $\begin{cases} x_1 = \frac{1.97 - e^{-x_1}}{2} \end{cases}$
对有 $\hat{a}(x) = \begin{bmatrix} 1.2 - e^{-2x^2} \\ \frac{1.97 - e^{-x_1}}{2} \end{bmatrix}$ $\int a(x) = \begin{bmatrix} 0 & 2e^{-2x^2} \\ \frac{e^{-x_1}}{2} & 0 \end{bmatrix}$
x1 ≥0.5 x220.5日 11 JG(x)11 = J(2e-2x2)+(e-x11) €0.633
平有 11G(X)-G(y)112 5 0.633 11X-y112
图16·双 X120.5, X120.5, 选州公长:
$X_{1}^{(k+1)} = 1.2 - e^{-2X_{1}^{(k)}}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$
(k=0,1,) x1(a-x)(a-x) = = (3)-11(1)-11(1)
报 X,(0)=0.5 X2(0)=0.5, 为多尺=7时, 满足稽废吾中.得
X1 = 0.9983359878819449 X2 = 0.8007108649475528
11. AZ Nenton it:
> fi(x) = x-sin(x+y)-1.2=0
7. $y$ $ y = x - \sin(x+y) - 1.2 = 0 $ $ \frac{x}{x} = y + \cos(x+y) - 0.5 = 0 $
$\frac{\pm (xy \pm 1 - \cos(x \pm y)) - \cos(x \pm y)}{1 - \sin(x \pm y)} = \frac{1}{1 - \sin(x \pm y)} \cos(x \pm y)$
1-sin(x+y) 1-sin(x+y) 7
Sih (X+y) 1-601(X+y)
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5-1-17世: 2.4.6.8.9.11.13

$$\forall n \neq 1 = \begin{cases} \frac{1}{x_1^n}, \frac{1}{x_2^n} & \dots & \frac{1}{x_m^n} \end{cases} = \left( \frac{1}{x_1^n}, \frac{1}{x_2^n} & \dots & \frac{1}{x_m^n} \right)_{1 \times m}$$

koり,+k,p2···knりn+1つ ⑤ ko=k,=··=kn-20 例函数分在任何点单上付货元英

解 基础数别为

$$b(x) = \frac{(x-11)(x-11)(x-13)(x-14)}{(p-11)(p-12)(p-13)(p-14)} = \frac{1}{14}(x-11)(x-11)(x-13)(x-14)$$

$$b(x) = \frac{(x-12)(x-12)(x-13)(x-14)}{(11-p^2)(11-12)(11-13)(11-14)} = -\frac{1}{6}(x-12)(x-13)(x-14)$$

$$b(x) = \frac{(x-12)(x-11)(x-13)(x-14)}{(12-12)(12-11)(12-13)(12-14)} = -\frac{1}{6}(x-12)(x-11)(x-13)(x-14)$$

$$b(x) = \frac{(x-12)(x-11)(x-12)(x-14)}{(12-12)(x-11)(x-12)(x-14)} = -\frac{1}{6}(x-12)(x-12)(x-12)(x-14)$$

$$b(x) = \frac{(x-12)(x-11)(x-12)(x-14)}{(x-12)(x-12)(x-12)} = -\frac{1}{6}(x-12)(x-12)(x-12)(x-14)$$

$$b(x) = \frac{(x-12)(x-11)(x-12)(x-14)}{(x-12)(x-12)(x-12)} = -\frac{1}{6}(x-12)(x-12)(x-12)(x-14)$$

$$b(x) = \frac{(x-12)(x-12)(x-12)(x-14)}{(x-12)(x-12)(x-12)} = -\frac{1}{6}(x-12)(x-12)(x-12)(x-14)$$

1拉宫阳的四次插篮对办

L4(x) = yolo(x) + y, (1(x) + yz(x) + yz(x) + yz(x) + yy(x)
= 0.83x4-39.17x3+681.67x2-5198.33x+14860

6. joaq	抽值等级计	心的描述多码为	Rn(x)= th	+1({)	Cx.aXJ w	
70 fix)	具以数孔	かはいもりろす	m fre (3	) = D		
= Pp kn(x)=0 tx f(x)=pn(x)						
<b>州有原布思得记</b>			145 = (1-104 (=			
8. 福、	高声.	xxxxxxxxxi.o-	(4.11-x 17.0-)	Perx) = Zi	PECROIT #	
Xi	tixi)	一阶表高	二次表高	三阶是高	西哈美	
-1.5	23	4		1 + (1 = (X) 5 V)	100 h	
0.5	22	•	1	38 20	NIA C	
	71	-6.5	-1.8	81		
	1	-2	-0.6	0.4		
1.5	<b>≫</b>	-2	<b>\$</b> 0	6.2	-0.05714286	
州有 Ny(x)=2 +4(x+n-1.8(x+n(x+1.5)+6.4(x+n(x+1.5)(x-0.5)						
-	-0.0571	4286 (X+7)(X	+1.5)(x-0.5)	(X-1)		
9. idag.	•					
W FC	(X <sub>0</sub> , X <sub>1</sub> ,,	$xnJ = \frac{b}{100} \frac{d}{w}$	$\frac{1}{(X_i)} = C$	$\frac{1}{2} \frac{1}{W_{\text{inti}}(X_i)} = 0$	†[xu,x1,,xn]	
co F [Xi	ο,χ,, ···,	$x_n = \sum_{i=1}^{n} \frac{p_i}{p_i}$	(X) = \( \frac{1}{2} \)	<u>f(Xi)+g(Xi')</u> Who (Xi')		
(I) $f[X_0, X_1, \dots, X_n] = \frac{h}{I=0} \frac{f(X_i)}{w'_{n+1}(X_i)} = C \frac{h}{I=0} \frac{h}{I=0} \frac{f(X_i)}{w'_{n+1}(X_i)} = C \frac{h}{I=0} \frac{h}{I$						
					7.11	

$$\frac{1}{1} \frac{1}{1} \frac{1}$$

可知 + CXO,XJ具 X的的一次为设计

=> W2(-1)= 24.1

=) Wr(0.5)= 22 Wr(0.8) = 21.436