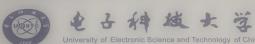
第二次作业

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Long 舒性 收款,收款,收款期 1
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$
$\therefore e_{i+1} = \left \frac{f^{i}(\omega)}{2} \right ^{\infty - 1} e_{i}^{-\infty} \qquad \propto = 1.618 \ , \forall k \stackrel{\triangle}{=} k \stackrel{\triangle}{=} \frac{1}{2} \cdot \frac{1}$
3 96 (x)= \frac{1}{2} - \frac{3}{x4} Fint \(\xi \), \(\xi \) \(\xi \) \(\xi \) \(\xi \)
$\frac{g'(x^4) = \frac{1}{3} - \frac{3}{x^4} = \frac{1}{100} - \frac{1}{100}}{\frac{2x^4}{2x^4} = \frac{1}{100} - \frac{1}{100}}, \pi \psi \leq \xi$
$g'(x) = \frac{1}{5} - \frac{1}{x^4} \qquad \therefore g'(x^*) = \frac{1}{5} - \frac{1}{x^2} = 0.333$
$\frac{\sum_{y \ge 20} \left(\frac{e_y y_1}{e_y} - \left[g'(x^g) \right] = 0.333}{e_y - e_y - e_y}$
$\frac{\int_{0}^{\infty} \frac{e^{\frac{1}{12}}}{e^{\frac{1}{2}}} = \int_{0}^{\infty} \frac{\int_{0}^{\infty} \frac{e^{\frac{1}{12}}}{e^{\frac{1}{12}}} = \frac{\int_{0}^{\infty} \frac{e^{\frac{1}{12}}}{e^{\frac{1}12}}} = \frac{\int_{0}^{\infty} \frac{e^{\frac{1}$
求實亦真 大氣大為



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2.解: 牛蛟 送代法不知点形式:X= (1x) = X- floo
$\frac{f(y)=0, \ f'(y)\neq 0, \ f''(y)=\cdots=f^{(m-1)}(y)=0, \ f^{(m)}(y)\neq 0}{f_{0}\neq y} \frac{f_{0}\neq y}{f_{0}\neq y} \frac{f_{0}\neq y$
*** ** ** ** ** ** ** ** ** ** ** ** **
: 0= f(r)= f(xh) + f(xh)(x-xh) + f(x)(x-xh) m
= Y= Xk - {(xk) - f(xk) (Y-Xk) in my f(xk)
Y= Xk+1 - f(N(1)) (Y-Xk) h
mift(x)
· lim **an-1" = f(**)(全) · 至少有 man M 收金久)食店

g(x) - x = (1 => X = 5 x + 2 - 0 => X - 14 3
6M= X2 3	$\frac{3}{x_{12}} - \frac{2}{x_{12}} \frac{x^2+1}{3} - \frac{2}{x_{12}} \frac{x^2+1}{1} - \frac{2}{x_{12}} \frac{x^2+1}{1} + \frac{2}{x_{12}} \frac{x^2+1}{1} - \frac{2}$
\$ 9(n= r =	=> 12-11+1=r => r=1 或 不动医为 1 和 3
	= 3 xy=184, 9'(1) = = = 1 1, deet lit \$ 1
	当1=301,19101=321,此时不收益
A3· t'lx1=	$4x^3 - 21x^2 + 36x - 20$ $f'''(x) = 24x - 42$
生 走 是 5	$= \frac{12 \cdot \chi^2 - 42 \times 176}{\xi \chi^2}$ $\xi \chi^2 \cdot \chi_{k+1} = \chi_k - \frac{\chi_k^4 - 7\chi_k^3 + 18\chi_k^2 - 20\chi_k + 8}{4\chi_k^2 - 21\chi_k^2 + 31\chi_k^2 - 20\chi_k}$
1001	A THE
	0, f1(y)=0, f1(y)=0, f11(y)=6 =0 : Y=2为三重报
29 打以在	Yhat En: f(x) = f(xh) + f'(yh)(x-xh) + + (xyh)(x-yh)2 + (xyh)2 + (
	$0 = f(r) = f(x_k) + f'(x_k) (r - x_k) + \frac{f^{(x_k)}}{2} (x - x_k)^2 + \frac{f'''(x)}{3} (x - x_k)^2 + \frac{f'''(x)}{4} (x - x_k)^2$
7 k->0	- 6 9 4 8 × 8
	0 - (1/h) 0 - 7, + 4!
	元 不会二次 收益权 Lin Cin = 五 (10)



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5. (a)	$f''_{(x)} = 3x^{2} - 4 \qquad f''_{(x)} = 6x \qquad f'(x) = 8, f''_{(x)} = 12$ $\vdots \qquad \frac{e_{i+1}}{e_{i}} = \frac{12}{2x^{2}} = \frac{3}{4}$
	$\therefore e_{\xi} = \frac{3}{\xi} e_{\xi}^{2} = 0.75 \times e^{-12} $
(b)	f'(0) = -4, $f''(0) = 0$ $f'''(x) = 6\frac{e_{17}}{e_{1}^{2}} = 0 0$
	∴ ℓ ₅ = 0
(13 (************************************
	$f_{1}'_{N} = 2u, f_{1}'_{N} = 2V$ $f_{2}'_{N} = 2h-2, f_{2}'_{N} = 2V$
	$(N_0, V_0) = (I_1 I)$ $(V_1) = \begin{pmatrix} 1 \\ 1 \end{pmatrix} - \begin{pmatrix} 0.t & -0.t \\ 0 & 0.t \end{pmatrix} \begin{pmatrix} 1 \\ 0 \end{pmatrix} = \begin{pmatrix} 0.t \\ 1 \end{pmatrix}$ $(V_2) = \begin{pmatrix} 0.t \\ 1 \end{pmatrix} - \begin{pmatrix} 0.t & -0.t \\ 0 & 0.t \end{pmatrix} \begin{pmatrix} 0.2t \\ 0 & 2t \end{pmatrix} = \begin{pmatrix} 0.t \\ 1 \end{pmatrix}$ $0.t & 0.2t & 0.2t & & (N_2, V_2) = \begin{pmatrix} 0.t \\ 1 \end{pmatrix}$

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