Th3 ((auchy)	1 0 f(x), g(x) ← (Caib) 和区间连续
料型中值	包(a15)内可号 」开区间可号时作中值
	D g'cs = 0 (a <x<b) th="" 内部游音数为的东<=""></x<b)>
	N. 33 E(a,b) 使 +(b)-+(a) - +(3)
	$g(b) - g(a) = \frac{1}{9'(3)}$
	Notes: (9'13) #0
	$0 g(x) \neq o(a(x,6)) \Rightarrow \begin{cases} g'(3) \neq 0 \\ 0 & \text{otherwise} \end{cases}$
	g(b) - g(a) #0
	这个 (gb)-(ga)=0 写符台)
	新 罗校理、区间里至少有一个点。等于0
	第三个新人只有个作用、除此一种国际。
	日 g(a) =0 BX g(16)=0 不影如 Gauchy
	<u>'</u>
	16-1(a)=1(3)(b-a)
	116-f(a)= f'(3) (b-a) X老前に呼 g b)-f(a)= g (3) (b-a) (医内内) (大人民文尺可起席) 3年以同介) B I+ gx=x (三)
	GOD TEPER) PEKIND
	BIT GOOD ()
	11b-40

2.
$$f(\frac{1}{2}) f(b) = 0$$

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3°. $f(x_1) = f(x_2)$

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9°. $f(x_1) = f(x_2) = 0$

10°. $f(x_1) = f(x_2) = 0$

11°. $f(x_1) = f(x_2) = 0$

12°. $f(x_1) = f(x_2) = 0$

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13°. $f(x_1) = f(x_2) = 0$

14°. $f(x_1) = f(x_2) = 0$

15°. $f(x_1) = f(x_2) = 0$

16°. $f(x_1) = f(x_2) = 0$

17°. $f(x_1) = f(x_2) = 0$

18°. $f(x_1) = f(x_2) = 0$

19°. $f(x_1) = f(x_2) = 0$

10°. $f(x_1) = f(x_2) = 0$

20°. $f(x_1) = f(x_1) = 0$

20°.

13 G(0, c) C (0,2)/まナ(3)たの 3 +W在C-117上三阶游、奇图数 + (1)=1. 2 +(X) =1 压 336(4,1)使十1(3)=。 似连续 1° 2 +(x) =1 =) +(0) =0, +(0)=1 1 +K1-b X-0 +(0)=b 2° 公和的奇以教 太子双多新剧性 二十(x)(图以教 田子のコーナイーー 3°, +(-1)=+(0)=+(1)=1 73,610), 32 E(0,1) £+"(31)20 +"(32)20 J (← 3, 52) C (-(1)) 使代約=0

型二原有多天自治 0 还存达 $\frac{+\infty}{+\infty} = [n+\infty]'$ 份析 把 3写成X永达正确) 不过洋菜花园村 BUI, f(N) E C[0, 1], (0,1107) 10-0 注: 引 (6,1) 使 3+131+2+13120 Ath: x + (xx) + 2 + (xx) 20 -> +(x) +x20 > [Into] + (Pnx) =0 => [In x fox] =0 证: 多 Pas=x+49

\(\rho \) = \(\rho \) = 0

· 336(0,1)、使り(多) この $fin g(x) = 1 \times f(x) + tx^2 f(x)$ (23+13, + 32+(3) 30 第一区间开!!! : 8 FO ~ 2f(3) + 3f(3)=0 2. fa & (a,b), (a,b) \$13\$ +(9)=+16120 证: 33 F(a16)使 +(3)-1+13)-0 4+11 1/00 - 2+100 =0 => \frac{+(0)}{+(0)} -1 =0 => [\left[h+\sigma] + (\left[he^{-2\sigma})'=0 火糖加 & pinze +(x)