A·15. C上解析, f 的超越程逊色 (一) V d > 0, lim | max 1 f(を) = + 10 (*) 苦于程超越至超,于为四级式(10%) 到取27九,(4)显然标道. 岩户是超越型型的,多只需证Ynez+, lim max 1f(2)] = +0 $(3f(1)-p(1)+g(1), p(1)) = f \leq n+3 \times Toylor = 1 \times p(1) = am + -+ ao$ max If(1) = max 19(2) -1p(2) [To 1p(2)] = [an] + +++ |ao| + -> o (r>>) 数容证 lim max 19(3) = 100 12 0(3)= 9(3) 在 C 全地 显然 max 19(3) 卷榜连 按下 于如日本模。Linville在现面日刊中的,1912 3 程则每(**)特任. 4.16 f是H上亚绝,在开亚维,在实际上|f(2)|=| 且(im)|f(3)=| 则广东里 于在山中的有限下报点, 后约 3 气致为报告, 气动在开中有股限之后。 由极点金叉和 forth o) to=如可 toep,但fepure打了,也连续打乱! 红 f在HP红有砂圾点 21-3m,1893di. on 且何经可的手至井上有有限了爱知以…此啊,重起尽……房啊。 $139(1)=f(1)\left[\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right]^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}{2}}...\left(\frac{1-\frac{1}{2}}{1-\frac{1}{2}}\right)^{\frac{1}$ (7-2,)or. - (2-2m) (2-m) (2-m) (2-m) (2-m) (2-m) 19) YEER, \$(1) 1 (im 1907) 9 为以上下的 0 新州武江, 产也是 4.19 广色飞五绝 广在飞上塞台银灯窗相同。 C上亚络的都有短潮红 is fix)= a 至(天-bj)为jux $m = \sum_{j} k_{j} n = \sum_{k} u_{k}$

4.23 f(2)=U+iv为C上亚地、3C,U2C 3) f为常起 如果于在C上海斯兹、别由Lionville 连短三指 石成 は もの扱い、 fを その 野紅 可らわ f(モ)= $\frac{g(モ)}{(モ-モ_0)^m}$, m31, $g(E_0)$ +0, g 全域 は (E_0) を (E_0) 节有轻 4.15 C上亚维力,1刊刊的1分到三1 in hu(7) = (1- 42) dx . VIZI=1, [hv(2)]=1 + 121 cl, he1270 By 6 di - dm, Bir.Br. , x 1715], ge 12040 9+(7)= 17-72/BC 4(7)=1, 19+(2)=1 ig F(7)= [hila) [19j(2) 12) [4) 4, V(2)=1, FED(0,1) 天皇左 和 [F(3)] 年前 下 = eio 所有下为 A(D(0.1)), RP D(0.1)) 时 hiholomorphism 5.1 张红彩花型,温起 12) 2305 41 子川外:丰性药气 しり ディシャ (もんり) 子门户所报流、子同红上lawrant 居有 f= (1-2)x-(2)(1-2-2) $=\frac{1}{(2\cdot 2i)^{k}}\frac{1}{(2\cdot 2i)^{k}}\frac{1$ [12-1)3+3(2-1)2 a Ros G, ti)= - - (tz-21)* 7= 00 pt: 3 ph 132 t= tak: 18882, Restf. tu) Res(f, 60)= 35 = lim (t- 22) f(x)= (22-21)x

そのは: 可然がか Res(f, 四)= D

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t=opt:1997年, Des4, 07=一古 t=apt:1997根本, Res(f, 2)= =
   (2(2-a)
             七一四时: 轩野花 Res(f,四)= 一智
                                             7-1 pt: 18/18/2, Res(f,1)= - e
3. 24 £ (17)= - 10xa 185 , 970
                                             4=0秋:年性芳二
              Res (f. 76) = - #
                                              电话=(叶宝士型)(叶红型)
  我们知道 20xa4=(2-24)(2+24)(2-ite)(2+ite)
                                               Res(t,0)=1+=+===e-1
 lim (7-20) f(2) = 22/2: (1-1) 20. (1+1) 20.
                                              和外:可抗
                                            | Restf, 00) = 1
                 =-\frac{3E}{40^{0}} CDB \frac{2E}{4}=-a^{4}) #
Res(f. 20)
5 广倒部21126 C亚纯
                                              (2) 曲留红莲理,
  (1) Naec, Res(f,a)=- Res(f,-a)
                                             \int_{\{t\}=P} f(t)dt = \pi i \int_{E} hes 4, z_{e}
   (2) f在旧口及松城, fill=Rf(1)d=20
                                            斯1445m, 长,一部为f正D10.12)
                                            报点,它们外可按差距到铅
 (1) is f to BILL Lowrent RATO
    历细的(长,一长)--(花,一七)及于能
f(-1) = --- + \frac{a_1}{-1-a} + c_0 + a_1(-1-a)+...
                                           12 Ros (f, tj) + Res (f, -tj)=0
   -f(-t) = --- \frac{\alpha_1}{t \times \alpha} - \alpha_0 - \alpha_1(t \times \alpha)t''
                                             B Resif, 0)=0
                                               => \(\frac{1}{E}\les(f,7k)=0.\#
  $2 Res(f, a) = an = - Res (-f, -0).
 8. 用Pouchesser 证明代数基本主题.
   F(f) = f(1) = e^n + a_m + e^m + \cdots + a_n + e_n, g(1) = e^n, h(1) = a_m + e^m + \cdots + a_n + e_n
      当日龙历人的, (1刊7 R=2(1amh---+1001)
       [am 2" 1" + a, 2+ ap] = ([am] + -+ + (Go)) [7] <1
     故取 K=D(0, P) 在水上 [9(2)] 기h(2)
            拉拉比中于一里的与了一些有同样的配价程。#
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Book I P(2)
$$12 - 12 = \frac{1}{2} = \frac{$$

$$\begin{cases} c) \int_{0}^{\infty} \frac{(s_{0} x_{0})^{2}}{((s_{1} x_{1}^{2})^{2})^{2}} dx = \frac{\pi(s_{1} x_{1}^{2})}{2\pi} \frac{e^{-s_{0}}}{2\pi} (s_{1} x_{1}^{2}) = \frac{\pi(s_{1} x_{1}^{2})^{2}}{2\pi} (s_{1} x_{1}^{2})^{2} dx = \frac{2\pi(s_{1} x_{1}^{2})^{2}}{2\pi} (s_{1} x_{1}^{2})^{2} dx$$