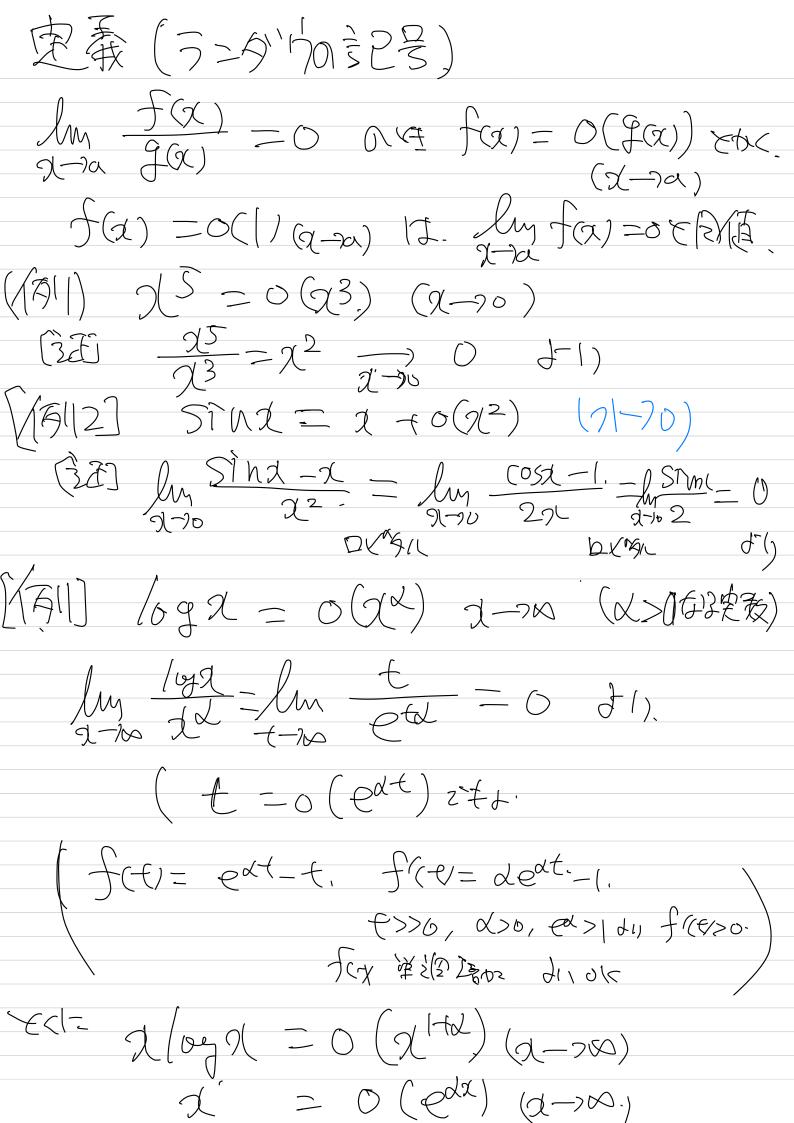
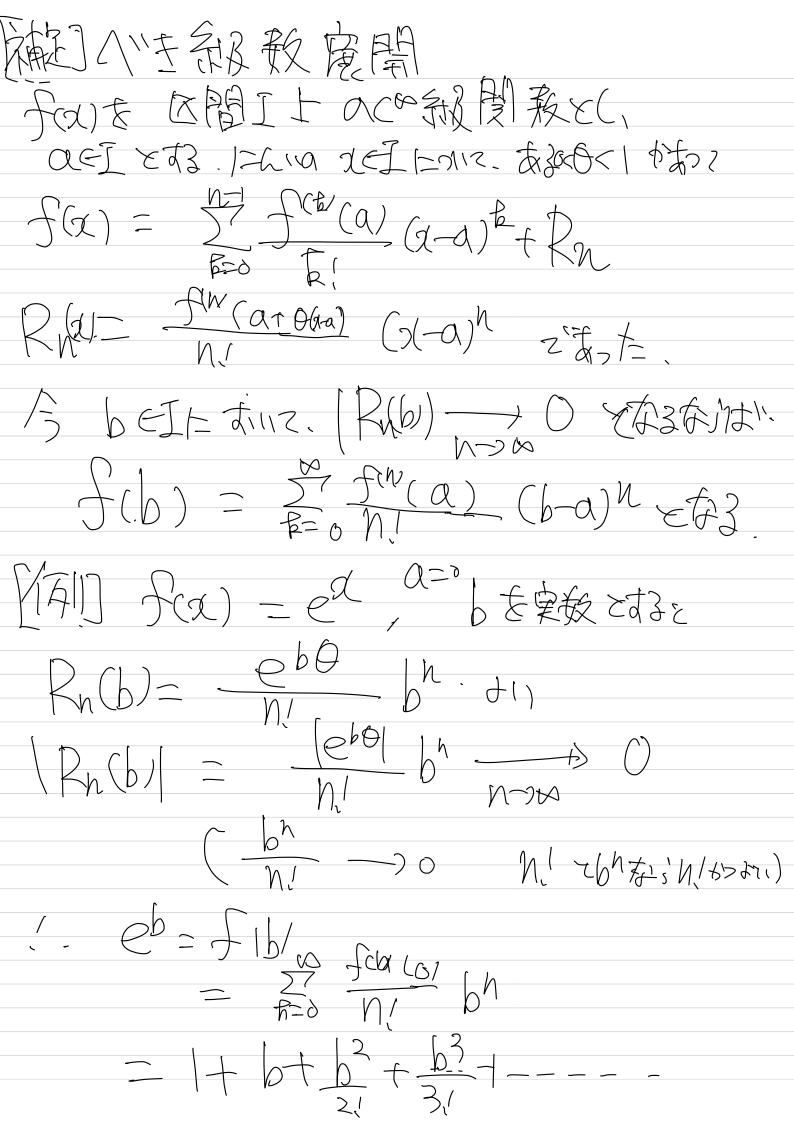
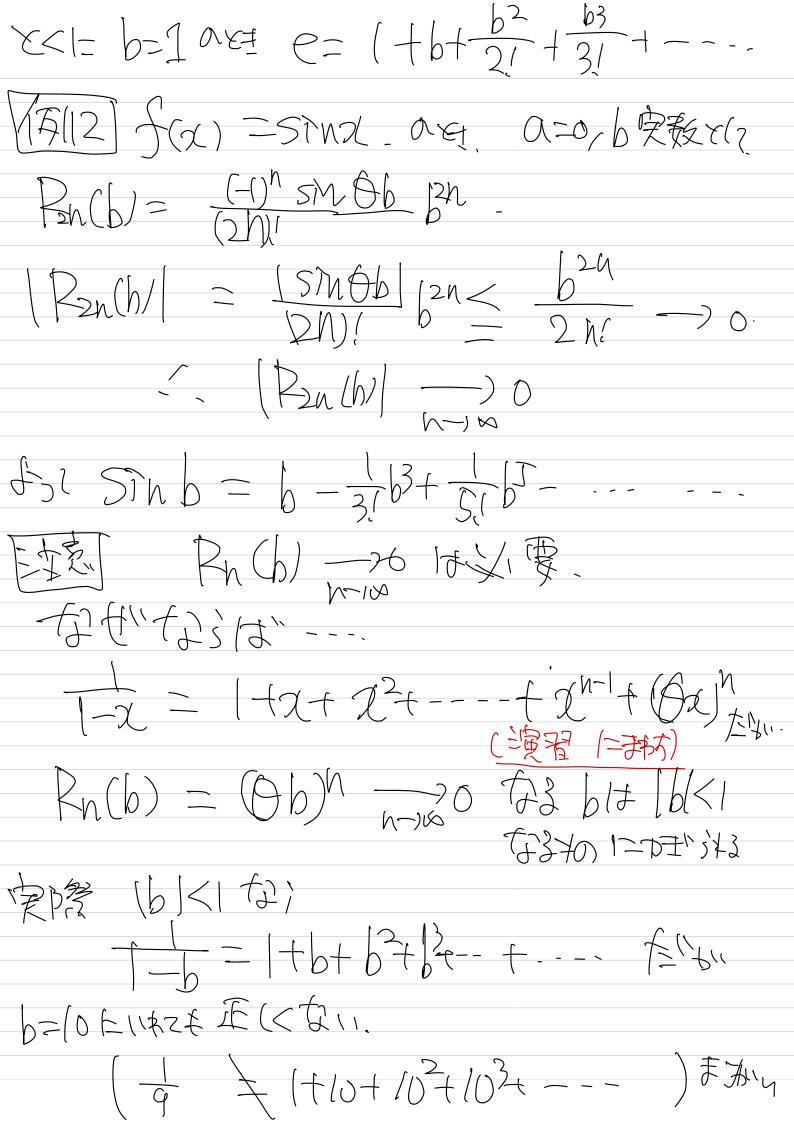
台三年原有一个生子及农民 定理 有限 7-5-展開 子(又) 发開太阳工上的 Cn新展教室了 acte Deta (柱京 a 2年 1-2117 知 白E (O(1) かよっ?。 $f(\chi) = f(\alpha) + f'(\alpha) + \frac{1}{2} f'(\alpha) (\chi - \alpha) + \frac{1}{2} f''(\alpha + \alpha) + \frac{1}{2} f''(\alpha) + \frac{$ 右里至又=a における有限==ラーを開とせい、 fin(a+0G-a)(x-a)hを割余すらてようい (KM (4) 风口水平有限了加一儿是骨气之的: 今日中3二次第三年发生各工方式25万月大了3



[N+
$$f$$
] $2^{m} \circ (\alpha^{n}) = o(\alpha^{m+n}) (\alpha - 20)$
 $m_{N} \circ (M \times 12, o(\alpha^{n})) \circ (\alpha^{n}) = o(\alpha^{m+n}) (\alpha - 20)$
 $m \circ (\alpha^{n}) \circ (\alpha^{n}) = o(\alpha^{m}) \circ (\alpha^{n}) = o(\alpha^{m})$
 $m \circ (\alpha^{n}) \circ (\alpha^{n}) = o(\alpha^{m}) \circ (\alpha^{n}) \circ$

 $\frac{1}{2} \frac{1}{3} \frac{1$ fa)= Sind ax= $SIN = 1 - \frac{1}{3!} + \frac{1}{5!} +$ [2] 有限于一一展開《定理》、代始级表。 作業の 1E(a-E,atE) 1-212、ある 0くのく1ちまれ、 $f(\chi) - \xi = \frac{f(\chi)}{f(\chi)} (\chi - \alpha)^{N}$ $f(N) = \frac{f(N)(\alpha + 0\alpha - \alpha)}{N!} (\alpha - \alpha)^{N} - \frac{f(N)(\alpha)}{N!} (\alpha - \alpha)^{N} = \frac{f(N)(\alpha)}{N!} (\alpha - \alpha)^{N}$ Rn 1-2 BP+ g(x) x(2 -0)n - 2-12 0 EFG $\frac{f(x)}{(1-a)^{N}} = f(x)(d+6(x-a)) - f(x)(a)$ $\frac{1}{2} \int N(\alpha) - \int N(\alpha) = 0.$





初等関数の海流乐展開 $STNA = A - \frac{1}{3!} \frac{1}{3!}$ $f(x)=(05)(x)=(-1)^{m}(05)(x)$ tanx. キれいにかけないろしい、(ハツ(スイ教をもかる) tand= 2+ 327 ----Sin , Cost, Altin, Can n Lita-hetereta. Ch = [+ H+ 212+ --- +. No to 6(n) (x-2) $\sqrt{\sigma_{1}(1+2)} = 2 - \frac{2^{2}}{2} + \frac{23}{3} + - - + (-1)^{n-1} + \sigma(\sigma)$ XX $f''(\chi) = (-1)^2 2. ((+\chi)^{-3})$ $f(4)(x) = (-1)^3 3! (1(2)^4)$

 $\frac{1}{N \ge 1} \int_{\mathbb{R}^{N}} (x) = (-1)^{N-1} (N-1)! (1+x)^{-N}.$ fco (0)=0. f)2/y(1+n()= 2/2 th(0) xn +0(xn) $= \sum_{k=0}^{n} \frac{(-1)^{k-1}}{2^k} + \sigma(\chi^n) (y_{(-)0})$ COSht. Lta- 1/25"(\$(t) Sihhx 1-22. f(x) = 5îhhx ct? $f'(x) = \cosh x \quad f''(x) = \sinh x = f(x)$ $f(b) = \begin{cases} 1 & n > 2m + 1 \\ 0 & n = 2m + 1 \end{cases}$ $Shh2 = 2+\frac{1}{3!}2^3 + \frac{1}{5!}2^4 + - + \frac{2^{2h-1}}{(2h-1)!} + o(2^{2h-1})$

72n + (2n-1),1 + 0 C2 = | 1 x + 212 + 3123 + --e-e- - 1 + 3/23 + 5/23 + - - - 6 (2-70) ETT. 122 fat (1-x) - (2 $f'(x) = -(-x)^{-2}, -1 = (-x)^{-2}.$ $f''(x) = (-x)^{-3} (-1) = 2(-x)^{-3}$ $f'''(x) = 2(-3)(-2)^{-4}(-1) = 3((-2)^{-4}(-1))$ $f(x) = N((-x)^{-N-1} < f = 3$ $\frac{1}{5}, \frac{1}{5}, \frac{1}{5},$