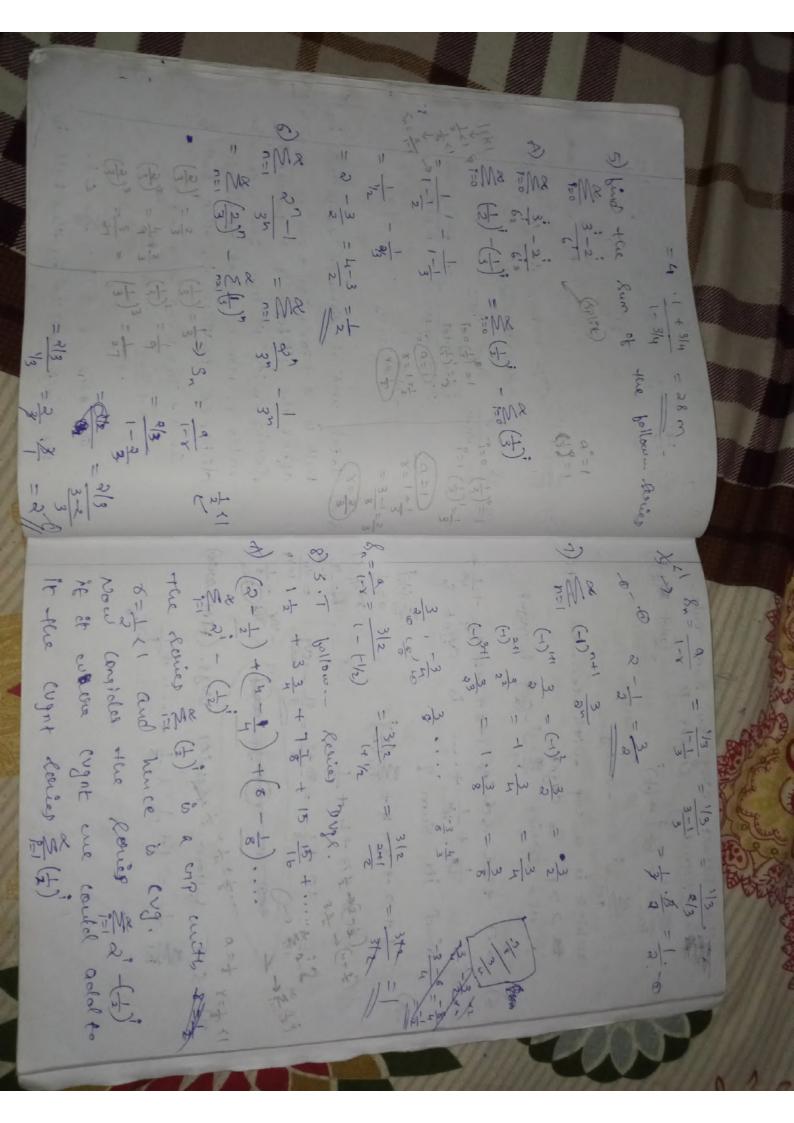
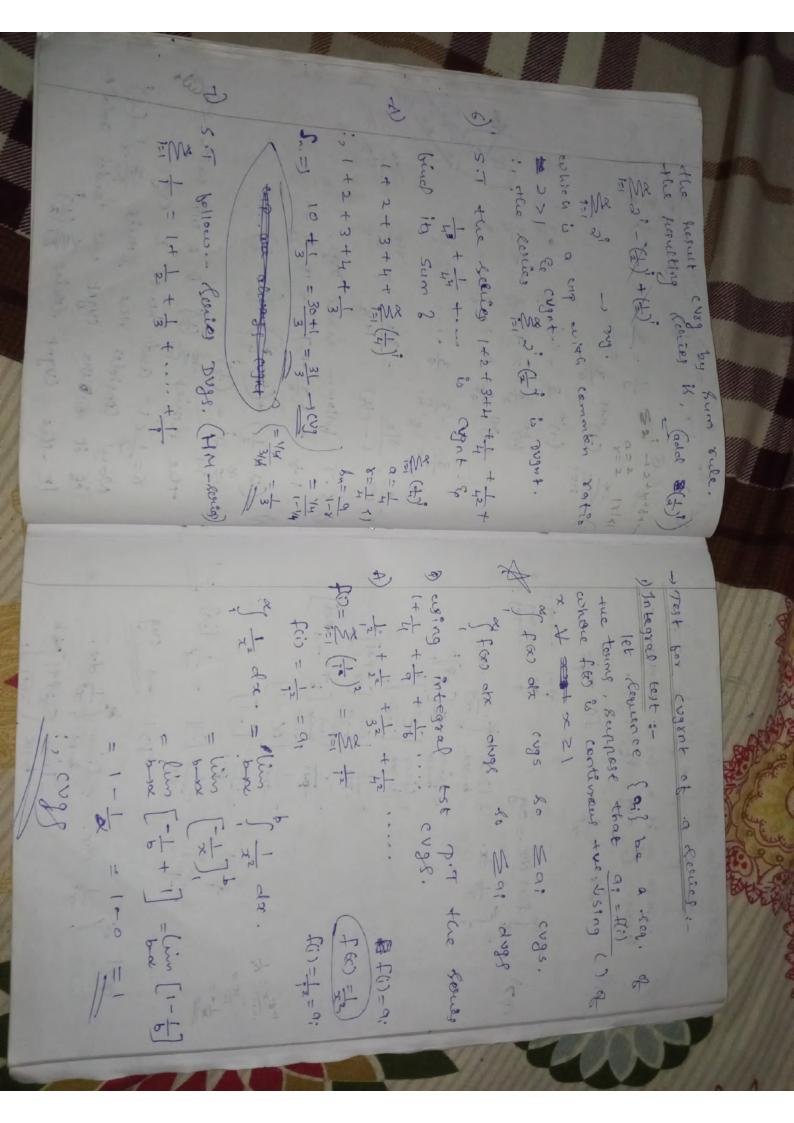


- the it to be but but dustin The saylor si demote the its positions of Theorem of its form test in 2) It saw crys to 5 by olys they Breary non-zero muetale of a day Rum of give sources, their ( ) = (a++bk) = (a+ba)+(a+ba)+..... (an+by) Kan + by and San-by both duy. Revies obvergence. Ea; evy, line a, = line 5; - line 5; -· · Sp = a1 + ay + · · · · 9 = 95. 16 Zar cost then line a; = 0. R (0+10x) = A+8 an = 51 - 514. It wast of the then fair day = (a, + 2 - an) + (b, + b2 - bn) An + Ru 110 3.A) Total untical distance travelled by E (3) Se (-) th dugs, bez ling q, - ling (-) @ MR 12 day (3) M it! dug , bc2 line a; = line it! Me in days pcz satto y, teence total vestical after the 1st term is a gromation of distance translitud by the ball is ball is a + 20x + 20x2 + 20x3 .... which . Hat all (outs) travel cool by the ball is 5 1 9 + 292 + 292 + 12923 4 ... ar + 4m x=0.75=3 1. = a + 2ax = a (+x Lina -n = (in 1(-1) closes not exist. (ins -1 - 8 Ling - +-のいこにかる. = (in (++) = 1+0 st 2) +0



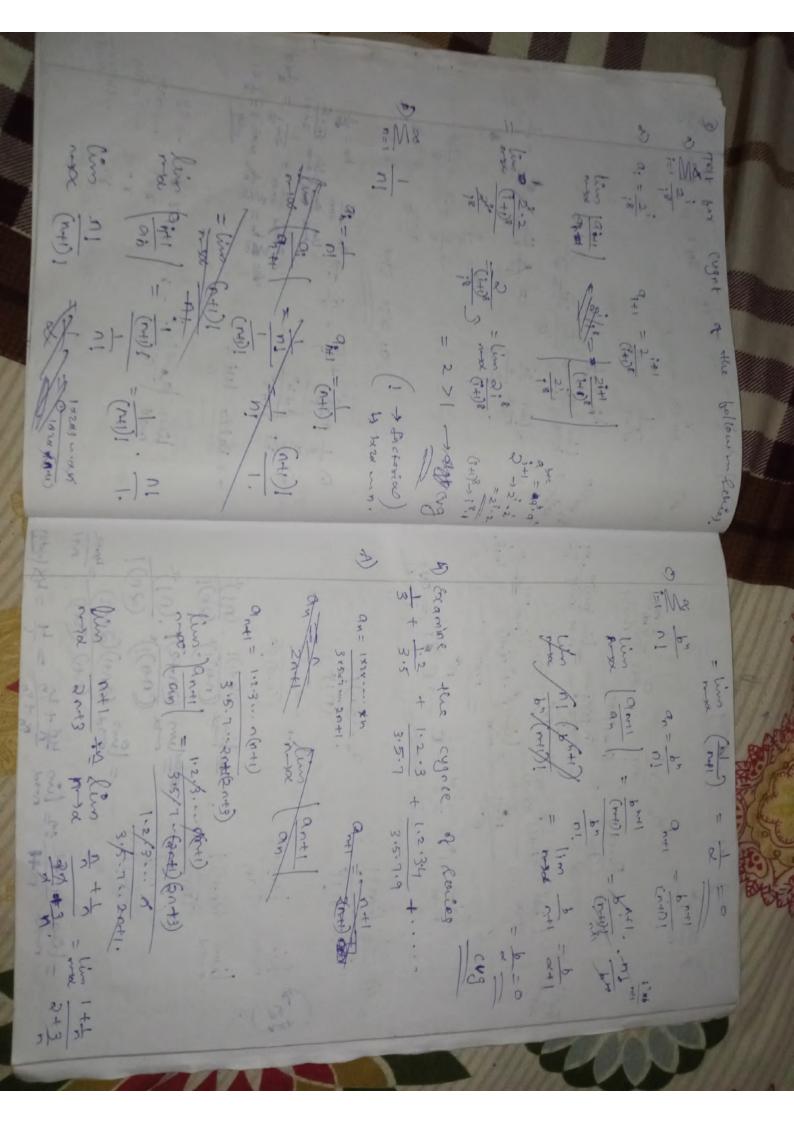


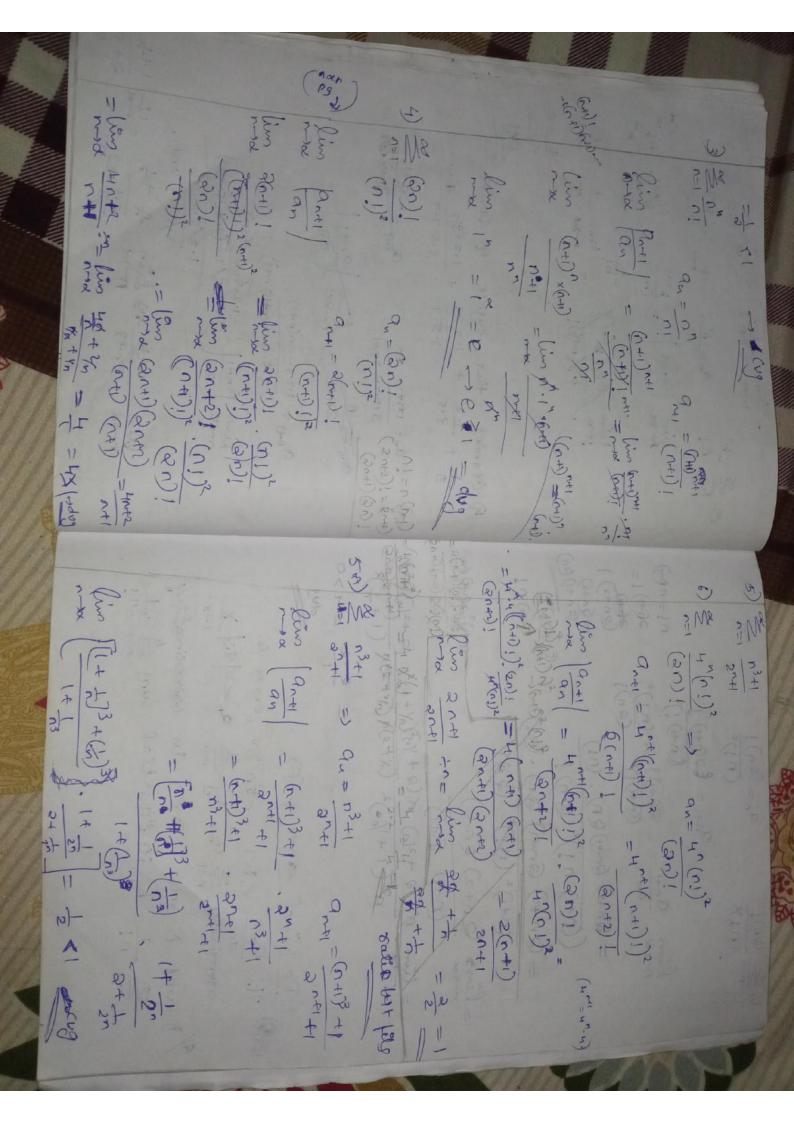
8) S.T. the p-soiles I sto dr. chim to dr. - Jan da - Lim by the clar. de Cof where P is a freal constation cups 1 10 - 10 + 20 + 30 ··· + 10 · · for our - al 3十二四十二 -P+1 = ling state of 200 Pri 1 cd 4 [ + d- x] x cm 100 = to 日本 一十七元 12 - Cal 1-4 D> I - cho -0 ( pooles , mez moles , p>0. ey to cal To cuith an exter < 0.05 I rely of the total RMXR
The error in approximating. P.

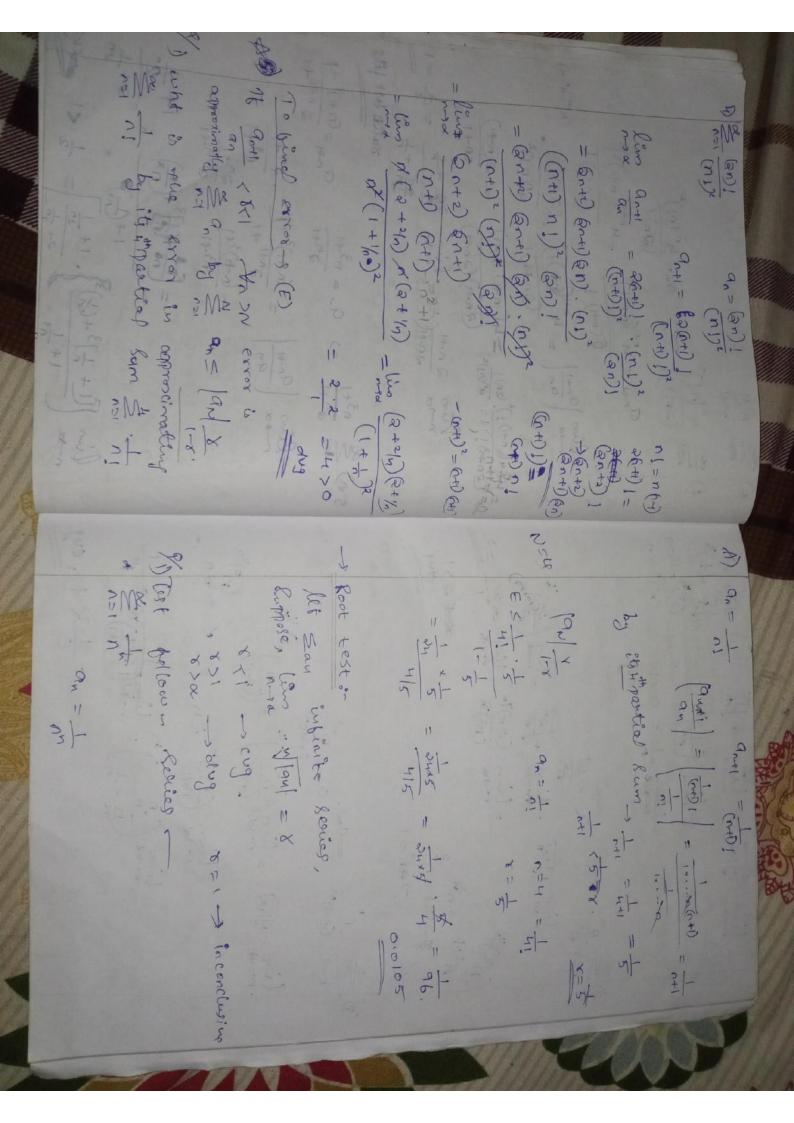
Reques 5 10 by its oth poution by Sum, N can be calculated by using the principle behind integral -pt1 b-100 [ ++1 -1] = 0 - olvg = 8 lin 7x 9+1 } = 4000 -PH & him [x-9+1]6 - P+1 bix [b-P+1 -1] = 00 -) alug Exercial to the service of the servi cgs it p>1 , algo it 0<P<1. ~ スト つへ

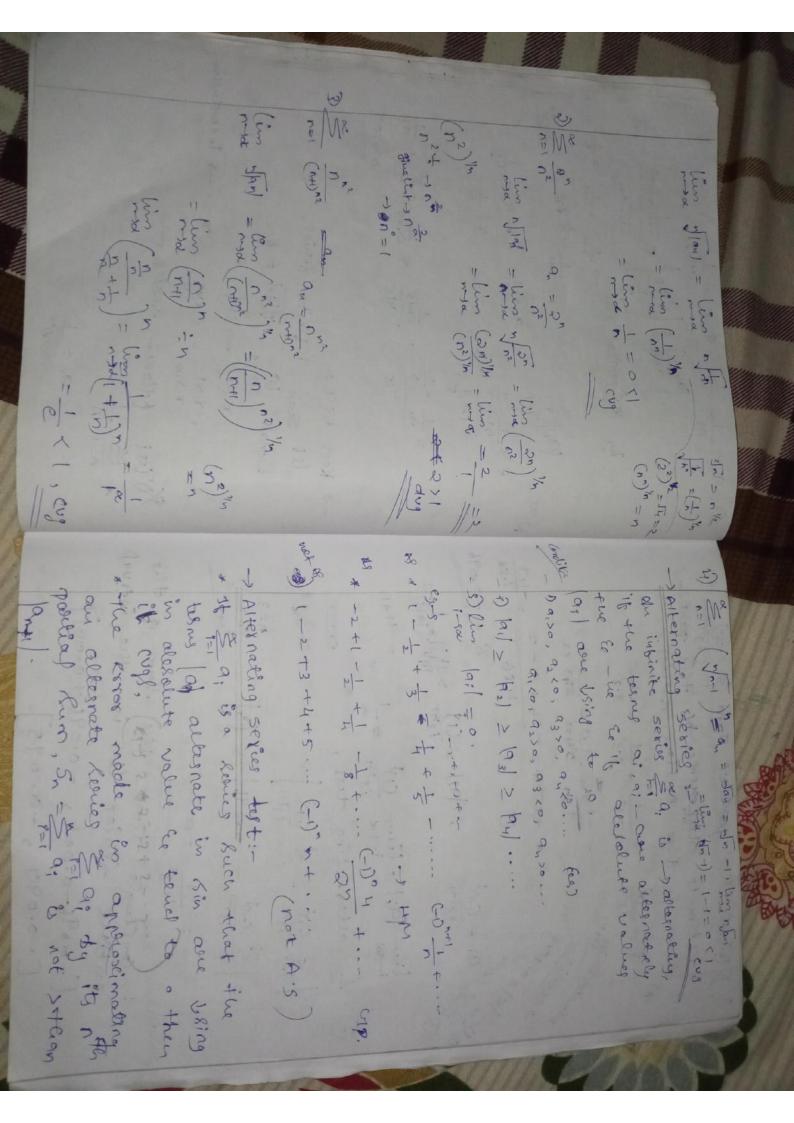
8 9: - Se (F) Act of Spiles of the st of conveyort a) s. T tere follows Leavies is event Disect composition test: ≥6,0 is cugn+80 is &= 1-8 then to a Ma lot gray and & b; be Rouses Buch 165.1 = 00th = 100 9/4 + 1 + 1 + 1 + 1 + 1 3-1+++= 1.36 8= 1/3 <1 > cvg as -oray (3) Ratio Comparison tests-0520 of bollowing so for the formand somes -> (c) | 01 2 6: 4: 02 16 | (c) 20 01 > 0 D la:15 p: 4: 0x : 4 from (4:1/4) < 8 proces -> Ex Kr (8° ib p>1, alvg ib P=1. A CUP So ax x-1 which cug it /x/<1 & 18/x1 46 SPNO Eb; is about then Eb; is about. and Sti is chart then sails chart 41. 3- NOC 29 lime of 1 & Change Carrier of many of the solutions ina di lun airi let za; and z b; be seeines cuits 11 Lim 1-1 2: 200 1-20 1---(- 2° Humangout) one Convers 1 = 1 = 1 × 8

- Com 2 18 - 12 =  $\lim_{n \to \infty} 2n^3 - n^2 = 2n^3 - n^2 + 1384$ 2) Test for consigning of the bollon Row Som and - flow (and) (note) MR SOL by leather text , Eq is also (up South Town market production flew tell standard form 8 Nb: 1 12 2 1 13 + 3 ms + 2 ms Company (Sept.) 1 The 2 1 a=1/2 1+3+0 Jax3-1 = 5 The state of the s -> Ratio but :- (5) 到十十十十十 7 Ess cut can write this ap, 11 900 Sign the sing of the sing of the single sing = # lima = -1-0-1 シナナナナナナ・・・・ lim an -lim in in Bas on the cold a=1/2 8=1/2 7:1 -1 メハー × 1) -12/8/ 57 5 الم الم SES F - salva origino of the









(13/4) (13/4) (13/4) (13/4) (3) entible Leaves lies in the interval -0.096-0.001 , -0.096 to:001) 1) line the partial sum is in isin by alternating typ, == = ai+1 [-0.097 , -0.095] Se (-1) - 5 1 ( 1 - 0 - 0 9 ) < [ 0 4 ] Kum & the entire Rollies. estimate oliftonence b/2 the postions 1-1 (1) = 1 =0,001 1364 - 2 - 4 4 5 - 5 - 41 = -1 584 1 ×9 - 1 ×2 1.32 + 2.33 - 3.34  $|a_{i}\rangle = \frac{1}{13161} > \frac{1}{1418142}$ LANAS 9n+U=99 of 1 5.7 the bollow Lower -) Absolute Cogs of Constituent custon - Theorem - Energ alesolutely eys koins let Ear the en alexalistic cog a) 36 2 [an] coss, we say that, 8) It = 8 on coss, pt 5 (on) cos has any the gotogy of let 1=1 an be a series of real war Cus. diace Elay comparison test, the man -me comes Eant and cuss Eq = Ear + |and - |an) (I) 4-1 - (an) < an < (an) シュー - pu) + pu) < qu + pu) < |au) + pu) = < au + |au - |au) Conditionally asie dond! Honors Requies

a feeries of the boom panier levies: It aleast x=0. an (x-x) = 9. +9, (x-x)+9, (x-x)+ now land = in in the throughout line of the said of the said ツース。(ないから) 7-2 (-1) A an = (-00-1 [an] = () = () = 1 > -1 -1 = 1 = 1 3×2-1 3 = 3 (90 9,02 - 9 - S Cooppicing) ··+ 4 du (22-22) 40 + ... 2) It Ix) >R could cod [ alug. of the introd of colored of colored ) 36 12 CR paucouseours and algoritaly -> Root last box P.S: ment with in the half of the length, Ex olys else where its R of lygrage L= & , let R=0, then, assume that law and - I exist. Ratio test. for parmen socies :-Ruppore ia panos socies = anson S infinite. let No anx te a hen lan Min & other the R of ryance lot & annow be a pis, assume that gry pours Rouge SENJ

12 (-1) 25 -(-) - ( = lim (ant) = lim (D) nt 7) box wht value T=1 no dog (cun - line stime time ont Cuxal Kyno R=1/R=1/1=1 Witesons ting HM = lim 1 - 1 - 1 - 1 - 1 - 1 - 1 duti = (1) of x along stone bollo. - Con -(B) Qu = Cont my to small the arnied -up) 20 1 × 5 (6) No K5) XX USING RATE OF THE STATE OF THE oll vious 3) Septermine the R of cugare of pis. town 1+1 Post rugner is 2. Line ontil is which with (in) [an] in =) pourer cancelled. 8=1/2 R=1/8 = 1/1/2 = 2 Live aux = Cina note りんか つれ・ Det R= To (H) (H) 2013 1 an - no groot talls. Qu= 11 = 111 12021 AB - atl = a.

 $f'(\infty) = \frac{1}{(1-x)^2} = \frac{1}{4}(1-x)^2 = \frac{1}{2}(1-x)^2$ 1) 16 for = 1/x bind series box flow Ently - Term by term wife - Er Simi-1+ x + x2+x3 ... 28+62+... =) Q(+2x+3x2+··· cugnee ? outto / integrate team by taging 1 1x-x0/ < R. (x-x0) = 2 a (20-x0) 1. = 2: 1 1000 Luxe No = 50 (n-1) 20 m A) 02, 224 19 1 = 1 - 1 = an ant = miles on 1 = 1 I and they has -HXXYH are chadeferment elug il /2/>4, Lind anti = 20 th  $\frac{1}{\sqrt{2}}$   $\frac{1$ 7+5 texas, (-0) 25 = (-1) the alsone liences any, (2/4)" +1 = Way (12)" +1 = 4. ( 198 alexalutely, it pol < R=4 4 = 2 h = 1 - 3 1 as n-1a. 1=1/4 R=110 =4 9u= 2144

Let  $f \otimes = \frac{1}{2} e^{-\lambda x}$ , with sodies of the sodies of -> Algebraic operations on p.s :cfop = 3 (c.90) xx  $\frac{2}{3} = \frac{2}{3} = \frac{2}$ = low 3 (+m3/2 = 3 (++3/2) Sax cy bor -3 < x < 3 top

N=1 ax cy bor -3 < x < 3 top

Avg elsewhere. which is a ploused cuists P = 3 >1 & [x] < R=3 6 olug 1/2 12/23. ( of aluxeludely by seles tot ) if 1=14 R=3 ten 3-x who are their R of their 2 FEO. 9(0) - 5 ( 5 am bin-m) 2", 121 < T 1 = 0n+1 = = 2 | 3n+2 = 3n+2 | 3n+1 | 2 | 3n+2 | 3n 15 boto, for = 5 case x-10 A HO = 2 day = 1+x+x2+ ... + x4 ... - 1-x 1) much tiply therene take seeing 2) 5 (3) 23 - 7x 100 xx - 1.4x +xx+ ... xx+ - - - - +xx |x|<1 3 - 2 00 (3) (3-2)(4-2) takes 3 out.

3-x)(4-x) = A + B 3-x2(4-x) = 3-xc + x-x putting x=4, 23-28 =-B & B=5 and = Louises of souther, anti- finte. " x=3, 93-21 = A CUATIO R of over on H 23-7x= A (4-10) + B (3-70) (1-x)2 = A(O) B(O) = (+200 + 300 + .... たし」 ナントーナッルナメトリコルメゆる 36+9,6,-+ 3,60-2+ ... = 1+1+ .... n+1 staylor and martaurin series ?-\* + (00) + + (00) + + (00) (00-x0) + the f be a (7 white doing of all some interior point, interior point, interior point, 1000 101 using adolition of 20.5, R of cug box 3 - 2 so R of their 3-70x 3-70x 3-7 + 55 = 5x 30+1 x 1+ 5x 1- 1 8 ( 3 nt + 5 ) 20 11. machanour soiles generated by f at acro-3-28-1x = 2 + 5 + (20-20) ++ (20) = 2 (20-20) (20) 1 + · · · + f & & ) (2-20) 2+ · · · · + (20 0 0 - x)2 + - + - (20 0) (3 - x)2+ -

nia ( ant) - wind ( mt): " - wing it A) foo = ex D.S. caller of the sound is an I Keniet (19 ) - 6 ( ) ( ) ( ) ( ) 3- 3general - f (15/6) = ex. f (15/10) e. \$"60 = 60th \$ 60 = ex. 1 00 - Ex. Attemy los pelyncem Paly :- ni 1000 1 x x (0) x + x (0) + + (0) + + (1) (0) x 2 + (1) ting (2-2) + ... + 1 (2) (2-2) 4 £ 3-0 for the same るこのにす -> Some imp Taylor a maclawain 5 :-- Senses secontino de Gris 4 oceanistric = 1-x - 1+x+x2+ -- = & x7. -) Taylor socied tet :-. (b) alow of f grow no faster than a to show, (3) to infinity differentiales To move that a co train - 15 T.S, 160 - ex at 20-1 cas for obligation -+ (20-5) (20, ++ (20-3) (20, ++ (2)) = (2) Jan > CM2 > 1=0,1,2,3 Ly Tays (1875) formule with remainder H Taylor 18 horning with renaincles 4 5 (m) t 1 (0 - 20) + (20 - 20) C 20 (m) +

this resies find find for the los without 6) log - lax - (c-1) - (c-1) + (a-1) + 1 50 codate - 6x 1+ 2 + 26 + 263 - 2 = 2 . 24 caladees - of & susecty & (40)2 - Greene tons ( 5 (1) (12) - 2000 - 1 - 21 + 25 + 10 - 20 (-1) 200 - 10 - 20 (-1) 200 - 200 (-1) 200 ( 3) Sine = Sine = x - x 3 + 35 = 5 (-1) (3 (2) 1) 5) Bracewich = (14000= 1400x + & (x-1) > 12+ - Se Co ocan - (一つでナントサーンなりナー 1-600 = (+ 600 (-0)2+ (-10)2+ --500 5 = ... \$ + 3 -x = (x+1) mg NE X RE-D -- R-nti) 1 NEWS (R-1) for the Since coefficient is a since coeffici alone tories a M. S has to [1400 = 1/2] Yours (mes) 20 (-1)3, 100 00 = 61 x (-03 = -6! = -420 1500 = 0 to - 1000 0000 Ha -1 42 + 12