Runt amm 3 Meles der Angall der Prinngabler werder arnen gizelines Grosse. (Belson honolsboricke, 1859, November.) . here Dam fir doe Ausroichung, welse wor das hea dente durch der Sufnahme under ihre Correspon de An hel ys Theil werden lacce, glaube ich and bester deduces you excess right, dass set van der hidrerch chellenen Erlant was halvings gebrand weatherdend who see along come betweending it or doe distingent der Primzahlen; ein Gegendan, welcher durch des HArresse, weller Gauss and Dirichles demalle langure for I groceral hale, and solder hiterally vielleres mich gang words encheid. the dieser lestersending double ours als Augeng pend die von Euler gemackse Benerany, Jan da Product II - 1 = E 1/18, ween fir polle Promyaller, fir malle garro Talle general worden. Du Fuelonder to myslexen ber carber. Notes o, welche devel does bed du durine, colonge Ate conorgine, dargestells wird, bygins ne ich durch 36). Ben conveying new, so lay der selle That von s grisserales Lost; es list sich mous beicht en in gilly benter Andrews de Frankin find. Davel Arend of der Giornes $\int_{a}^{\infty} e^{-nx} x^{s-1} dx = \frac{\mathcal{I}(n-1)}{n^{s}}$ endle man quesiated Remarks men and to Takyrel · (-x) dx vost o bio + o poo to merce grossengebil erobrers, welcher des beath o, abor never and tender youth well do Fridos anderden Todaysabouten in Fanen andrils, so engilt sous dieses leicht glich (e - nei_e nsi) o x dx, rangischt, dans in der vieldent gentraction (-x) = e (8-11 ls(-x) d - Lyes Inner vos -x so best =1 worder ist, dasser frie en reguling x reell wird. han

hes dater Less as. Trous. 3 (5) = i f (-x) dx, das hagsal is dir eles angriphen hederly our hands. Diese quicking gibs men de loss der punchson ((s) fire judis belocking complexes wed tright, dass are enworking and for alle earlicher be the vono, ausser 1, earling end, so wer auch, doso ere orrectioned, were s gland lines negation grade Tablist. Men der scelle Thilows & regator sol, wonder to legral, shit positio and as a system Grissengeliel, and negation ander Gronegebre where entlerene interpre complexen Grosse about enstreed werte, de Das Fatagral deres basse wit were Horizons in hodul den mentlich pleis . A. For Tomer dream Grinningebats aber wird die Franchion under dem Todaysalvecken und unsletig, was & glain arranganter Vielfacter von + 2 ti word and das Indegral at dater glack der Same des Telyrele negation un douce locke geno sie. Les Hotogral am den locale n. 200 de .: st = (-n. 200). (-200) men Mill deler Derins. /(0-1). 3(0) = (20) Z no ((-i) + i s-1), also see belation provode 3(0) ~ 3(1-0), welche soil ... branker benamber Eigensetifen der Femelson TI 1 (5-1). 7 - 2. 2 (0) beils ungeanted, veno is 1-0 verwentell wind. Dress Ergundel der Fundron veralesse wicks give on Raite & 10 and the moderate was are sehr bynemen Answers der Frankton 3 (4) Mill. Z. der That het acom 1 # (= 1). # = fe -nn #x x dx, also, wens man a = rntx = 4(x) TI(\$-1). T= = (0) = 5 4(x) x = dx, 24(x)+1=x-2(24(1)+1), (Farli, Fund. S.184) IT (3-1). T- = 3(0) = 5 4 (x). x = -1 dx + 5 4 (1). x = dx + = f (x = 3 = 1) dx $= \frac{1}{s.(0-1)} + \int_{1}^{\infty} \psi(x) \left(x^{\frac{5}{2}-1} + x^{-\frac{1+5}{2}} \right) dx.$ The who run & = 1/2 + ti w II (2) (10-1) 11 -2 Z(10) = {(t),

Riemann 3 to dassy $\xi(t) = \frac{1}{2} - (tt + \frac{1}{4}) \int_{1}^{\infty} \psi(x) x^{-\frac{3}{4}} \cos(\frac{1}{2}t \log x) dx$ $\mathcal{E}(t) = 4 \int_{-\infty}^{\infty} \frac{d(x^2 \psi(x))}{dx} x^{\frac{1}{4}} e^{-\omega_0} \left(\frac{1}{2} t l_3 x\right) dx.$ Diese Function of fir alle endiches be the oos topped his, ad list sick noch Potento von this eine schrochele convergencede Reste catorinela. Da firesnes Works ons deeser reeller bestandheil grosser als 1 set, log 3(6) = - Ely (1-p-0) enters bents and wonder Legantemender it sognitions. res or & (t) dasselbe gels, es non de Fraction & (t) mes verschristen, was der imaginase Thil oost yoi. schen i i m - i lægt. Die Anjakl der brussels oon Elt) =0, deres reeler Theol wirden on Though, of elwa = 5 ly T - 5; den dis Forgral Solly E(t) position des Febegriff des Wasteros teretread, deres imagindres Thirty wisches is I - 'zi andere reelles Thirl zwischen and They sist (bis and ines Bruchmie ronder draining der Grosse (glich (The T - Di; dress Latyral abor : I glies der Angall der in de sem Geboch longer longel on &(t) = 0, multipli est -7 20i. has freed and is der That it so so osel se elle Wergels on whalk dream Greege, and a soleche patrock orlock, descalle lourgele reell and, dugo a war allerdrays and struger beauty winocher; ret habe rates die Aufacesting desellen, nech singen feichog onzeblichen Verauchen vollanfig bideite glesse, de er får des nickstra from mer en lestormelong Inblatdoch ochien. Beziernet men durch & jede bengel des Geicher {(a) = 0, to nom men log fit) dieses 2 ly (1-tt)+ ly (10) ausdricen, Dess da de Dressyn Ides wurgel von der Greet mit to mer wie leg to wiched, so converged driver Sucorner and wird for in weedlieses tour mertich are tigt; er uderscheides and also on ly EH) um eval Fraction on the drefin air and relist shely wedenstoes beats and the divides fir are unander ches to mentions alone wird. Dreser lestored ind ! of foly lies ere Constant, deres bass dures Ernstrung our t=0 brotiss orders kans, Mid dresen Kilferni Sel, lind son under Angele der Frienzahlm, der kleiner als x - id, bestin. Es en f(x), women x micht grade ever Primalgling sal, glice dreser Angall, was abor x wise Pringerlist, um & griseer, so dass fir er, x, be: wellen F(x) ever springwire antel,

```
F(x) = F(x+0) + F(x-0).
  Ersely was over so
ly 3(0) = - Zly (1-6-5) = Zp-5+ 1 Zp-25+ 1 Zp-35+ m
 6- " durch of "x - 5- dx, p- 20 dures of x - 10- dx, ..., so entill
           15 360) = 5 1(x) x - 3-6/x,
              F(x) + = F(x2) + = F(x3) + .-
 durch f(x) bezidnes.
   Iver generaling or gollong for jed complex-lacks
 a + hi vos s, was a >1. Vores abor is dresen lemfeye doe
             9(0) = Sh(A) x dly x
gill, es non a stilfe des Formier'sche Satur des Fun des files otros hand des Francison gandrier. Der Genden zorfills
poess h(h) reell : st and
             g(a+bi) = 9, (b) + ig(b),
to der beiden folgreder
         9, (1) = 5 mh(x) x aco (6/2x) ollyx,
        ig(6) = -if h(x) x- a = in (6 lyx) allyx.
 Mass mas but generous unt (cor(bly y) + ins (bly)) db
multiplicos don - so bost so retyrol, so at ils men
 or brider auf der rees ... Sorte ne charde ... Fourier del-
 Latge Th (4) y a also, we are build girling addition
 mit ig a multiplier appi
              2 mi h(y) = $ 9(0) y ds,
 words de Fetegration as according to st, dander reelle Til
vos o consent lent.
    Das Large at still for ever looks very, his wholever was opening.
we've Sendances der Franken h(y) Alfred, de Miller Mais
 des Welles des Treachors he za hiche Jaile du Springes der Bei
der har varangras, se hestingening der tinken f(x)
bus typolorese decelle Eigenseless, and man hard she with solyen;
            A(1) = 1 1 1 1 - 10 1 1 3(1) y ols.
 this to & can mor much further of when Andrews
      15 lyx-ly(5-1)-ly TT 0 + ly (1+ (1-1)2)+ ly (10)
substituines; des Feligrale der exagelan Girdes dream lastreum
 winder ales des is anestick a negetel wicht convergere, wes.
delle a reversioning ist, dre quicking woher deren passielle Folyse.
Aros is f(x) = - 1/2 is x of an poi de sign x ols
         - 4 T = a la ( 12 la (1+ 10) - 5 lam), fix m = 90,
             d' = = = = d + (1+ s),
so much dan sintern Gir der Austrum für f(x) -1
        27 i 4x 4- pi 53 la $(0) x ds = la $(0)
```

2 to lope a-roi de (1 - 1/3)) x de. Me set aler de (1 la (1- 1/2)) = (1-15)3

ap = (1-15)3

and, were der reelle Thirt rom o grinner als der reelle Thil on Bid, 1 5 x ods = x = 1 x 1 - dx, ader = Jx N-dx, Jenachown der reelle Theil our pages water positor tot. her had $\frac{1}{2\pi i} \frac{1}{4_0} = \int_{-\infty}^{4\pi i} \frac{d\left(\frac{1}{5} l_5 (1 - \frac{5}{5}) + \frac{5}{5} d_5}{d_5} \right)}{ds} = -\frac{1}{2\pi i} \int_{-\infty}^{4\pi i} \frac{1}{5} l_5 \left(1 - \frac{5}{5}\right) \times \frac{5}{5} d_5$ = 1 x 1 dx + const. m ens. = 5x x /2-1 dx + const. :- y weiter falin I was talle book in a de Federal word lind; in Their on for negative weather word lind; in Their An Fale estill das Letyral von Obis x um 27 i resolieden Ver See, je seesten die Fryschios duris complexe We sae mit portiven ater negation. Areus geschicht, ut wood, suf je nen Wege genom mer, wenters when, we der lafficred on i is dem belke on & position weaters word, out before and aler, we drever Conficred segat o weather wird. Hierans engiles wer, vicanfair looken Vinte ly (1-2) 20 bestime of, daniel die Tetypat orseans hab wegfalls. Derek Erneckung down teller in der Ausdreum von f(x) a Mill man for = Li(x) - Z (Li(x = + ai) + Li(x = - ai)) + 5 1 dx + 6 8(0), wer is 3 of fir & simmellosse positions (ader eine position reller That Malked war bargel der Gender & (x) = 0, tres Grine not geordad, george worder. Er lisst with , and direfe wire genevers Discussions der Finalion &, leich ziges, dans bei dieser Anordany der hunts der Krike 2 (Li (x = + xi) + Li (x = - xi)) ly x and den Grenneth, gegen welchen

1 farti de 1/3 Ely (1+ (6-1)2)

27i a-6:

ds

ds de wantfieldem lostes der Grosse & cononger, the ending; durch veranded Anorony cher winde sie je. des beliebigen reellen lands a Rels zimm. Ano f(x) from son F(x) - Wels der durchen der delerron (x) = Z 1/ I (x =) sod enghanter Gender I(x) = Z (-1) 1/m /(x 1/m), work for on der here was dredeered ken Quetral auser A Shortheres Tallow to selve and and podor Angell der Pring Jackon on m hereichned. Buchand man & and eval cakele Table on Glisten, so gitt der Desir le des Ausorens fir f(x) aler, les auf

crece and weakendows & echo ashell chackment in Thily 1/4x - 2 = " cos (xlyx) x-2 even engerileden dusoner fir der Diddyn 1 der Viene yoller + der fellen Drollyne of der Pringallyne trale + 1/3 or der Stell great der Primy Alenhaus. w. von der Grösse x. In Lexande Noherry of med +(x) = Li(x) intales net her and grown on der Ording x's will go and gibt ever elver y grown be Rh; dear die will person wiche Gen. der in dem hordwere von Fix) and, on Grane, dreat x micht si's knestliche wachser, abgeselsen: La) - + Li(x+) - 13 Si(x+) - 15 Li(x+) + 6 Li(x+) - 1 L (x 7) + ··· I der That het ain hei der our gen and Goldsolmidt rongeromen and to you - dre diteron foll gratefor Veryleing on Li (x) -7 d. Angell des Oringelle water & dresed wall ochon vom eroden Hunde Blowsend on shoke alinerales Lib) ergelen, and zwar wicholder Differenz where made betweeny alluster ment x. Alex and dre on don period solon Great abling ye shill. were harders and Kinding der Bingable had scho beider Cillingen de Afinerasaneret enego, alme dass jedocs hieris une Gesetzminigne Demeres sorten vare. Biener Avery neue Talling wante els America fin dre Dissignord der Primalline Mellen Speriadorchen Gereder an wefelgen. En regularingen Gang als Fix) winte do Frenchion fix) zeigen, welche and schoo on ersten Kunders seter deckers als men 7 Lib) + A log & (0) im hall therestimmed enemalish. dieser handows der beilt der thick i 5 ((+ m +)) Pr + (m + + 1) Br) E it to Gran My grander of its states and a prosperior of its states as for My feet to go weller lander that the state of the first for the side The which as he will be the

and of the formand of the state of the state

many for a distance and democrate con a south with a description of the description of th

form on m beautiful and were where her only

and and and and and and and properties of the said