(jel 9.3! _) ~ [(o o) i f (a) to (x ≠ 0 0) 1 - 19 الراع درار م م م الراع دنفاری م = x عددالسان دنظر x40 Digi Sint 21-12 = + x(---) 32/7 37/6 $(|3^{\chi})^{\frac{1}{2}} = \left(\frac{\ln \chi}{\ln \alpha}\right)^{\frac{1}{2}} = \frac{\ln(\ln \chi)}{\ln \alpha}$ -11/25000 x > +00 50 Lullus) -0 -10 MJo $\frac{\ln |l_{dx}|}{z} = \frac{\ln |l_{mx}|}{z} \frac{\ln x}{z} \quad \text{if } x \to 0 \quad$ しい、ニリングールディング·x→やデュインとjerj $\left(\frac{a+n}{b+n}\right)^{n} = \left(\frac{1+\frac{a}{n}}{1+\frac{b}{n}}\right) \xrightarrow{n \to \infty} \frac{e^{a}}{e^{b}} = e^{a-b}$ li (+2)=e (v,) - 5 de of t->±00 $\left(\frac{a+b}{b+n}\right)^{2} = \left(1+\frac{a-b}{b+n}\right)^{2} = \left(1+\frac{a-b}{b+n}\right)^{2} \left(1+\frac{a-b}{b+n}\right)^{2} + \left(1-\frac{a-b}{b+n}\right)^{2}$

 $V(\alpha) = \pi \int f(\alpha) d\alpha \geq 0$ W-3 Solder, strong Staland 6 Light, I iste T(1)=0 /50/21. 2/ 5/0/3/20- a 0/5/1/ (05/0) (1) (a, a) (a, a) (a, a) (b) (a>0) = 1 jal a - = - (& V/a) d/2/3 julija 0 لى درىنى اسم منى بار مورد. $0 = V(a) = \pi \{ (ra) (f(a))' - f(a)' \} \Rightarrow (ra) (f(a))' = f(a)'$ $\sqrt{ra} \ f(a') = \pm f(a) \Rightarrow \sqrt{ra} \ \frac{1}{a(a'+1)} = \pm \frac{1}{\sqrt{ra}(a+1)}$ $a(a+1)=\pm \operatorname{fla}(a+1) \Longrightarrow a+1=\pm \operatorname{fl}(a+1) \cdot (a\geq 1>0 \cup \varsigma)$ $\begin{cases} a' - \sqrt{r}a + 1 - \sqrt{r} = 0 \\ a' + \sqrt{r}a + 1 + \sqrt{r} = 0 \end{cases}$ ーターレーレバ a = 15+17-8+85 $= \sqrt{\Gamma \pm \sqrt{-1 + \epsilon \sqrt{\Gamma}}}$ ان کال کاکر ندمدن اعترات اوليه a= \(\frac{1}{1} + \frac{1}{1} + \tilde{1}

 $= (7)A - \int \tan x \, dx$ $\int_{0}^{\infty} \frac{1}{|x|^{2}} dx = \frac{1}{|x|^{2}} \frac{1}{|x|^{2}} dx$ $= A \tan A - o - \frac{1}{r} \ln(1+x) \Big|_{o}^{A}$ = A tauA - = la(1+A) ToC = (T - tanA)A + + ln(1+A)0, 7- ha/A=cotA) = 1]0, F[) tun'A (A>0.13 (-T-F-A)A = (cot A)(A) Just A= O posets $(\overline{z} - tar A)A = \theta \cdot \cot \theta = \frac{\theta}{1:\theta} \cos \theta$ 0, 1-10- 1 ->0 (A-stor is -00 = (#-12/A) A+ = 2n(A+1) -> A ->00

 $f(x)=(1+x)^{\frac{1}{5}}, f'(x)=\frac{1}{5}(1+x)^{\frac{1}{5}}, f''(x)=-\frac{1}{5}(1+x)^{\frac{1}{5}}$ $f''(x) = +(1+x)^{-a/4}$ Obenier De La Constante (1-2) Alle でかり、こりからしました。 1 1,0 ,0 ist 5 $do = \frac{\chi}{\chi} \cdot \left(\frac{\Gamma}{\Gamma}\right) \frac{1}{\sqrt{1+1}^{\alpha}}$ $\frac{1}{9} \leq \frac{1}{9 \times 19} < 10$ (-10) (F) (1+t) -0/F 100 00 - 100 OD = leid. = 1 - 100 00 int 1 1 de) = 1 (H+) of J. t=-100 5=1037:300 1 de / < 10 x 14 - 10 / 14. x Aps 1]-1,+1[013/200;15=10/2000) $(1+x)^{\frac{1}{2}} = 1 + \sum_{n=1}^{\infty} \frac{(\frac{1}{2})(\frac{1}{2}-1)-\cdots(\frac{1}{2}-(n-1))}{n!} \times^{n}$

 $=1+\chi+\frac{1}{2}\left(-1\right)^{n-1}\frac{1\cdot 1\cdot \dots \cdot \left(7n-1^{n}\right)}{r^{n-1}+1}>c^{n}$ $\sum_{h=1}^{\infty} (-1)^{n-1} \frac{1 \cdot 1^{n} \cdot (7n-1^{n})}{1 \cdot 1^{n} \cdot (7n-1^{n}) \cdot n} = \sum_{h=1}^{\infty} (-1)^{n-1} \frac{1 \cdot 1^{n} \cdot (7n-1^{n})}{1 \cdot 1^{n} \cdot (7n-1^{n})} \cdot \frac{1}{n} \qquad x = 1 \cdot \frac{1}{2} \cdot \frac{$ hater is in the objection in the objection in the زلاكرندرسان جويور الم المحتوات ، وجلو آزان لاسين حرار : ソニノニノログノイングニ(*) ハグバらし $1 - \frac{1}{r} - \frac{1}{r} \sum_{n=1}^{\infty} \frac{1 \cdot r \cdot \dots \cdot (r_n - r^n)}{r \cdot \epsilon - \dots \cdot (r_n - r^n)} \cdot \frac{1}{r}$ - Joseph Jesut g(0)>0 2) 5 (Jen . (Chipish g(x)=1-11-12 ME ニューリンのとしゃいいりでしまいとの ノグ さららるのところしてがに、こらはしてこりかして paster Solver Goder Cost of Jose in : - 20 siv - - 12/16- (5/160) 1-11+ = (=)(=-1)-(=-(n-1))(-x)) = 1+ 2 + + = 1. (cn-c) x" るパルカラミンとしているからのかりの

