-1 -1 >+1 [, (cosnat) (iel) (CU) : - Winzin dis $\frac{n+1}{(n+1)^{r+1}} \stackrel{?}{=} \frac{n}{n+1}$ nthintl 2 ntrn+rn 1=1, nzlv/ 12 n+n ودناد الم الموسى المحارة الموارسي Littedes -up. Thou $\frac{\gamma}{\frac{h+1}{h+1}} = \frac{\eta'}{\eta''} \longrightarrow 1 \ (je/=!)$ و را معاریوس ۱ کے دارات ، کی دارات (-) ((-) ((-) after of Holder and the East 711. (=102-2-35) lim In =1 $ln(\sqrt[n]{n}) = \frac{lnn}{n} \xrightarrow{n \to \infty} 0$ ED $|\frac{\nabla^{r}}{(-r)^{n}}| = \frac{1}{r^{n-\frac{1}{n}}} - \frac{1}{r^{n-\frac{1}{n}}}$ けんにカミアル ハートンテ とりし n≥rd - = (F) (JE15) (Mier 1-6)3) , ラーナーででしょうこうだが、大 一步是一种 موست مره

1.00 $\equiv \frac{A}{x} + \frac{B}{x'} + \frac{(x+D)}{x'+1}$ Refer 5: 15 $= \frac{Ax+Ax^2+B+Bx^2+(x^2+Dx^2)}{x^2+x^2}$ 37 0/1/2003 \Rightarrow B=1, A+C=0, B+D=0, A=1 ز: باردن $\Rightarrow A=1, B=1, C=-1, D=-1$ Te sú $\frac{x+1}{x^{\xi}+x^{\zeta}} = \frac{1}{x} + \frac{1}{x^{\zeta}} - \frac{x+1}{x^{\zeta+1}}$ دانه روف که اوه ۱ و و ها معد ا $\int \frac{x+1}{x^2+x^2} dx = \ln x - \frac{1}{x} - \frac{1}{r} \ln(x^2+x^2) \frac{x>0}{\sqrt{x}}$ -tarx + K F(1)=0 => 0=0-1-TAT- =+K K= It fait + E $\int \frac{x+1}{x+x} dx = \ln(-x) - \frac{1}{x} - \frac{1}{x} \ln(x+1) \qquad \frac{x<0}{x+x} \int \frac{x}{x+x} dx = \ln(-x) - \frac{1}{x} - \frac{1}{x} \ln(x+1) \qquad \frac{x<0}{x+x} \int \frac{x}{x+x} dx = \ln(-x) - \frac{1}{x} - \frac{1}{x} \ln(x+1) \qquad \frac{x<0}{x+x} \int \frac{x}{x+x} dx = \ln(-x) - \frac{1}{x} - \frac{1}{x} \ln(x+1) \qquad \frac{x<0}{x+x} \int \frac{x}{x+x} dx = \ln(-x) - \frac{1}{x} - \frac{1}{x} \ln(x+1) \qquad \frac{x<0}{x+x} \int \frac{x}{x+x} dx = \ln(-x) - \frac{1}{x} - \frac{1}{x} \ln(x+1) \qquad \frac{x<0}{x+x} \int \frac{x}{x+x} dx = \ln(-x) - \frac{1}{x} - \frac{1}{x} \ln(x+1) \qquad \frac{x<0}{x+x} \int \frac{x}{x+x} dx = \ln(-x) - \frac{1}{x} \ln(x+1) + \frac{1}{$ F(-1)=0=> 0=0+1-+61+=+K K=-1+far-を $F(x) = \int \ln(-x) - \frac{1}{x} - \frac{1}{y} \ln(x+1) - \frac{1}{y} \ln x - \frac{1}{y} + \frac{1}{y} \ln x - \frac{1}{y} + \frac{1}{y} \ln x + + \frac{$ xx chine fix - to robe 100 100 1 100 1 100 1 100 100 100 $(\sqrt{101} - 1)$ $(\sqrt{101} - 1)$ $(\sqrt{101} - 1)$ $(\sqrt{100} - 1)$ $(\sqrt{100} - 1)$