INTEGRALI $\begin{array}{c} \rightarrow D(lun) = 1/n \\ n \neq 0 \\ n \neq 0 \end{array}$

=0 /1/n dn= lu |n|+K

 $\rightarrow De^{n} = e^{n} = DDe^{n} dn = \int e^{n} dn$

(endn=en+K

- Dan = anlua = Dandu = (anluadu Sandn = lua an +K

→ D(seun) = cos n → D(seun) dn = Scosndn Cosnon = seuntk

$$D(\cos n) = -\operatorname{seum} = D - \int \operatorname{seun} dn = \int D(\cos n) dn$$

$$\int \operatorname{seun} dn = -\operatorname{cosn} + K$$

$$\int seun dn = -cosn + K$$

$$\Rightarrow D(town) = \frac{1}{\cos^2 n} \Rightarrow 0 \qquad \int \frac{1}{\cos^2 n} dn = \int D(town) dn$$

$$D(town) = \frac{1}{\cos^2 n} \Rightarrow 0 \quad \int \frac{1}{\cos^2 n} dn = \int D(town) dn$$

$$\int \frac{1}{\cos^2 n} dn = town + K$$

$$D(cotown) = -\frac{1}{\sin^2 n} \Rightarrow 0 - \int \frac{1}{\sin^2 n} dn = \int D(cotown) dn$$

$$\int \frac{1}{\cos^2 n} \, dn = 10 \text{m m} + 10 \text{m}$$

$$\int (\cot n \, m) = -\frac{1}{\sin^2 n} \, dn = \int \int (\cot n \, m) \, dn$$

$$\int \frac{1}{\sin^2 n} \, dn = -\cot n \, m + 10 \text{m}$$

$$\int \frac{1}{\sqrt{1-n^2}} dn = \operatorname{arcseun} + K$$

$$\rightarrow D \left(\operatorname{arcton} n\right) = \frac{1}{1+n^2} = 0 \qquad \int \frac{1}{1+n^2} dn = \int D \left(\operatorname{arcton} n\right) dn$$

$$\int \frac{1}{1+n^2} dn = \operatorname{arcton} n + K$$

$$\int \frac{1}{1+n^2} dn = \arctan + K$$