K () + x (d

Sunt (3) S F(x) 2x = L[2(+)]

Sunt = 12 - tant b b 1 1 1 2 2

Sunt = 12 - tant b b 1 1 2 2 2 1) -[cosat] = t+p2 1. coshat] = a+p2 2. s. coshat] = a+p2 3. s. coshat] = t-a2 3. s. coshat])=(438 F 2) [[+] = -4) -[[eat] = 3) 1/4]=1 ~[f[at]]= Lf(p) 178 = [(9871 = [xp(x)2]] = 870) 11) can [asinhin - booston] Te sun bx 6) I sunat] = pra 2 E) -K[+n] = . Lh = = (d) = [(4) 2] + Scalar 1000t1 1 000 (o) f - [4) \$ 17 d = L7, \$] 7 1[fg(+)] = (-1) d [g(+)]) (+(x) } = +[(+)] IAPLACE No start 1st supricy eg: $c65te^{-3t} = (8+3)$ $(5+3)^{2}+1$ ex (4) = + 1. cos(t-N3) = e3s Surfred = [(+) (10 87 8 e gunst sint > [-asst) (+)2= 2! EP (b-a) b3([f(+)]-b2g(0)-bb/c)-16 thant de add (5-2)2+9 1 etx(+Bat (charga

INVERSE. sint = 1 - 1 1 5+1 15 + cosat = 5-02 put et = I-tan is-a) 300(4t) et + 1 or (4t) et

APPLICATIONS

gray=t[]

**
$$\frac{1}{2} \left(\frac{1}{1} \right)^{2} = \frac{1}{1} \left(\frac{1}{1} \right)^{2}$$

 $d(x) \rightarrow \frac{\omega}{2} + \sum_{n=1}^{\infty} \left[a_n \cos(n \frac{\pi}{x}) + b_n \sin(n \frac{\pi}{x}) \right]$ T x p(x) f gf s = cop

by parts of a soft to. an=1 5 alm cospania bn=1 fe fe she) con(nex) dx. 100 = 200 + 5 ancos/172 m= 2 / gmodx.

なって といののはり ままれる

2 00=15 8(nodx. のコーナ」をかりというといれて、 the Jer day sonxdx

(4) 3/7-1x an - I To plandx

> n of Sustem a note! Jax+0/109 x (092+) sunt x = Ind I SUN - OUS DIPE WINTENAMA JOBNY = Lig/ Sex / tun > see cut + casec ans-t-sun tontャーナル cuses +- cases out Sec - section 1- +- 1 (2) Sep 9(x) = 8(x) = (x) 8(x) (x) - 8(x) 8 - (x) 2(x) 8 + 6x) 8 exter 2/(x) p) FORMULAS JOSTX = Rog/sunx/ 12/ 1/2 = 24/ (%) Ja-20 = 1 200 | 0+20 + 0 I sucar = log | sec+ton | JE-02 = log (x+J2-02) Jax - 1 19/20-0/+0/+0 foosecz= log / oose z-cotx

(2) 12+8-9x = = 1512+ = 2 (04/14+1) (3) 12-23 = 2 2-2 + 2 80 (2) 1-12-28x = 2/8-2 - 2 W/at/8-