$$|\int E||_{i}p^{4} c \left(v_{n}c^{4}c_{n}\right) \leq s_{n}r_{n}^{4} c \left(v_{n}c^{4}c_{n}\right) \leq s_{n}r_{n}^{4}$$

Notes: Thris 8/27

= 0 = 514-1/x) conde = (10

D 45- X

0= 511-1(x)

1m (514 (044) -512 (0 4)

\$ 5mb = 1000

Sin (A+B) = 51n A co, B + co, A sin B Sigx = x - 1 x3 + 1, x5 - ...

(0,0) 
$$\frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}} = \frac{1}{\sqrt{2}}$$

$$\frac{\partial}{\partial x} = \frac{\partial}{\partial x} = \frac{\partial$$

OP = (Ohis)p

J(5 m t)



Functions



+ dz = 29

$$\begin{cases} a_{1} & (ae)^{2} + b^{2} = a^{2} \\ a^{2} & (x, y) \end{cases} = \begin{cases} a^{2} & (ae)^{2} + b^{2} = a^{2} \\ a^{2} & (x, y) \end{cases} = \begin{cases} (x, y)^{2} & (x, y)^{2} & (x, y)^{2} \\ (x, y)^{2} & (x, y)$$

(9,6)

Csin &

15 = (dx2+dy2=

(a) 24.13.0

dn (4, t)

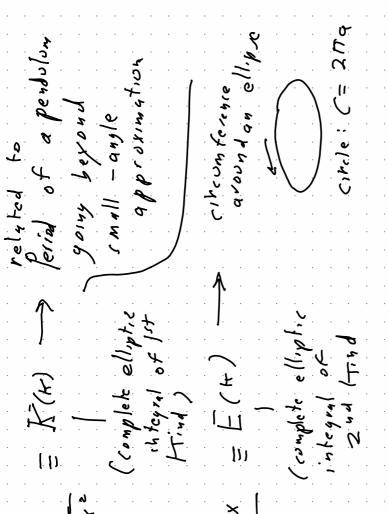
(= & For a (1)2 le)

w here

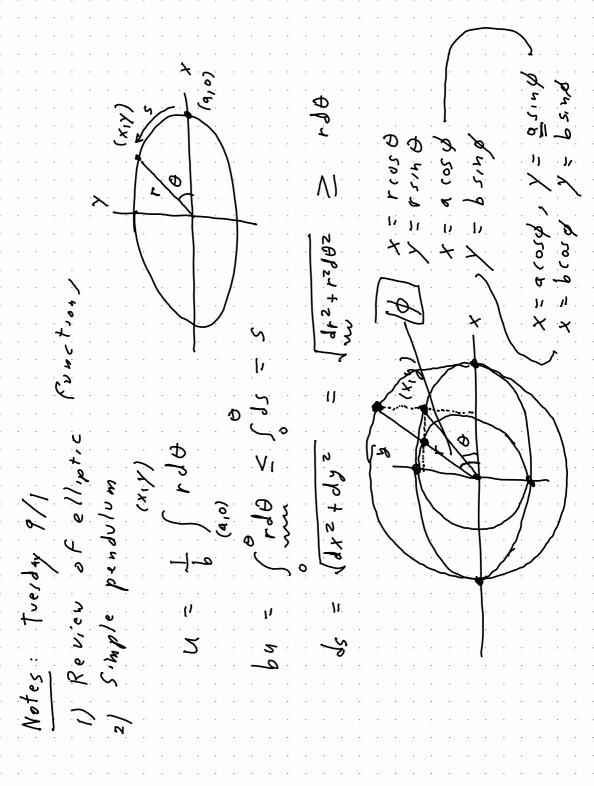
$$\frac{G(\lambda u)_{1}}{A} \left( \frac{1}{A} \right)^{2} + \left( \frac{1}{A} \right)^{2} = 1$$

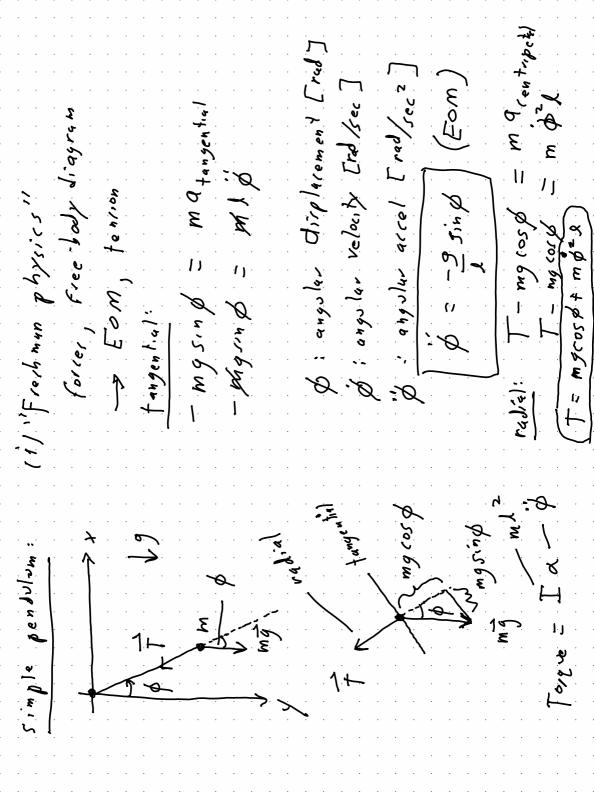
$$\frac{1}{2} \left( \frac{1}{4} \right)^{2} + \left( \frac{1}{4} \right)^{2} = 1$$

$$\frac{1}{2} \left( \frac{1}{4} \right)^{2} + \left( \frac{1}{4} \right)^{2}$$



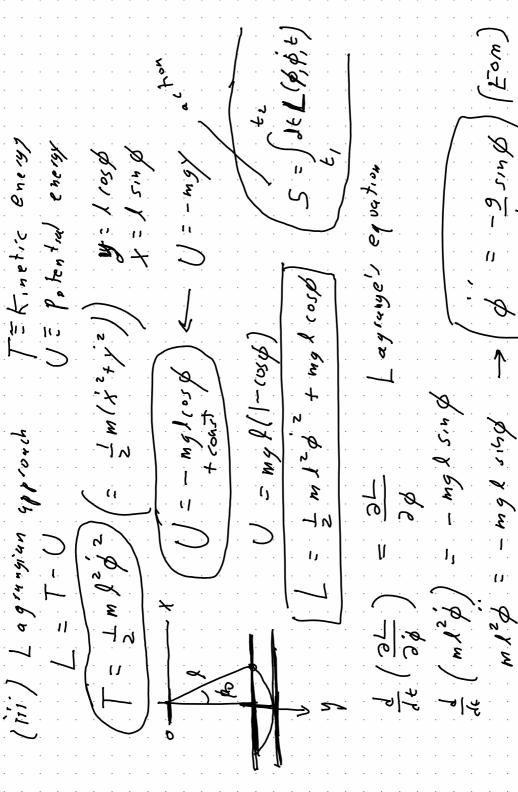
1-422

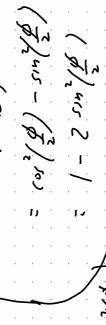




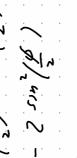
\$(2) = [a] cos(wt) + [b]sin(wt) small argle where w= 19 sind 2 de colos initial condition. Period. P= 2T= 2T/9 ~ 86-2 dus €- = 8 then (\$1(t) = \$0 (05 (wt)) If \$60) = \$ (at re,t)

(11) Small ungle approximation:





2 (sin 2/26)



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/2/ms/

51h(20)

(8),415

 $\left(\frac{1}{\sqrt{2}}\right) \frac{1}{\sqrt{2}} \left(\frac{1}{\sqrt{2}}\right) \frac{1}{\sqrt{2}}$ 



