

11 = 3 = 2

9-52 if (+)= yit (v) j full wished it (correct) 2 Upd video (n:15) Srir(++s+)-r(+)

r(++s+) ~ dr s+

dt

CL >0, The approximat how La Inthe lin St >0, the approximet howres Then Si -> // to the curve at P (where Pis the point with posit vector F(E)) Signit 5t-10 at : T unit tengent redors de | C = 6 | 16 |

From last time we known that Let S be distance, consider F(s) instead of F(H) Tidi di But dillo = dids = T ds dt ds dt 2 speed = | V | = | dt | = ds/+ Find T at the point logg on the space were = 4): Los los 10017 + c sin (w1)?

Find
$$\frac{d\vec{r}}{dt} = -cw \sin(\omega t)$$
, at $1 - cw \cos(\omega t)$, $\frac{d\vec{r}}{dt} = -cw \sin(\omega t)$, $\frac{d\vec{r}}{dt} = -cw \cos(\omega t)$, $\frac{d\vec{r}}{dt} = -cw$

$$f_{\lambda} = md^2 \chi$$

FZ: md²z Todden the force on a particle of dage of moving in a unt moretic field b is given by

Fig(i+b) Let m de the mon of the porticle
so mic = 9 (i x b) so r-9 (its)
m postile is cleary perpendicular to

