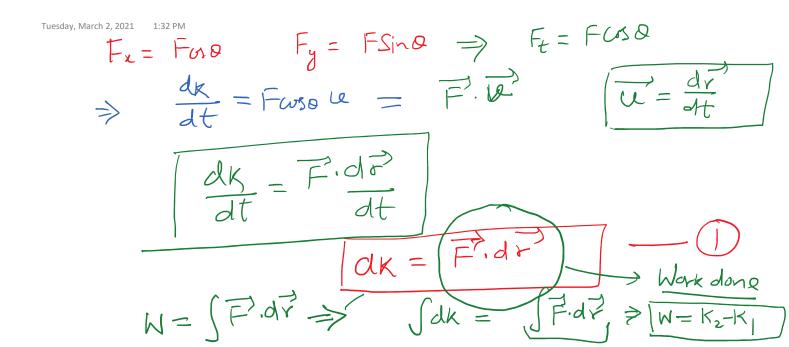
Work-Energy Theorm.
Tuesday, March 2, 2021 1:23 PM

$$\int \left\{ (Q) = \frac{1}{2} m Q^2 - \frac{1}{2} m Q^2 \cdot Q^2 \right\}$$

$$\frac{dK}{dt} = \frac{d}{dt} \left(\frac{1}{2} m e^2 \right)$$

$$\frac{dK}{dt} = mu \frac{du}{dt} = \frac{Fu}{fu}$$

$$F_t = F_{xx} k F_{y} = F_{y}$$



Multiple for onapartile

> Suppose H number of forces are warrang

onaparticle.

F₂ F₃

W= JF.dr + JF.dr ff.dr ----+ (F.dr)

 $\begin{bmatrix}
P = \frac{dW}{dt} \\
\vdots
\end{bmatrix} = \overrightarrow{F} \cdot \overrightarrow{d} \overrightarrow{x} = \overrightarrow{F} \cdot \overrightarrow{d}$