```
Work done:
The work done is equal to the product of the force and the distance travelled in the same direction of the force.
Work done = force x distance in direction of force V = F \times S \times CoS(X)

object \{t=0, V=0\}

the direction of force and the first direction of motion.

Shirt Let 1
                object {t=t, ke =
                                                                       w Variable with time
                                    S = F \times S \times Cos(O_{\xi})
                                       = F_{X}SX
      at = arclos ([F.V.]) -> where E is force vector and V* is velocity vector

4) Force vector is constant

velocity vector isn't
     V_t = L + E_m \rightarrow E_m = \alpha
     Cos(\alpha) = |E \cdot (\alpha + E \frac{\pi}{m})|
|E| |\alpha + E \frac{\pi}{m}|
```