CINEMATICA

	1 DIMENSION		2 DIMENSIONES	
	media	instantanea	weg :a	instantanea
Vel.	NW = PX/P4	Λ= q×\94	~~ ~ ~ ~ \d+	√3 = dr}√3†
ac.	0m = 44/4t	a = ⁶ ^v /6†	~~ = 50°/81	2 = 0 + 0+

$$\left[\omega = 2\pi J \left[V = \omega R\right] \stackrel{\text{Car.}}{=} L = 2\pi r , A = \pi r^{3} \left\{1 + \frac{L}{3}\pi r^{3}\right\}$$

•	MRU
•	MRUA
•	MCO
	11000

Soman tobs los aceleracions (suinst. + grav...)

| V = cte][
$$\times = \times_0 + vt$$
] [$\alpha = 0$]

| MRUA| { $[v = v_0 + 0t][\times = \times_0 + v_0 t + \frac{1}{2} 0t^2][\alpha = \frac{dv}{dt}]$

| MCUA| { $[w = cte][\theta = \theta_0 + w_0 t + \frac{1}{2} at^2][\alpha_n = \frac{v^2}{c}]$

$$\left[\begin{array}{c} E_{1-\frac{1}{2}}S = -E^{5-\frac{1}{2}} \end{array}\right] \qquad \begin{array}{c} \text{woweve fixed:} \qquad \left[\begin{array}{c} B = w_1 \end{array}\right] \left[\begin{array}{c} E_{1-\frac{1}{2}}S = \frac{9L}{2} \end{array}\right] \\ \text{Fig. 1.1.5} = -E^{5-\frac{1}{2}} \end{array}\right] \qquad \begin{array}{c} \text{woweve fixed:} \qquad \left[\begin{array}{c} B = w_1 \end{array}\right] \left[\begin{array}{c} E_{1-\frac{1}{2}}S = \frac{9L}{2} \end{array}\right] \\ \text{Fig. 2.1.5} = -E^{5-\frac{1}{2}} \end{array}\right]$$

ENERGIA

[dw=Fds cost] [w=A(ec+ep)] para F.cons: [W=Ae,=-Aep] [P= +] [P=+.7)] [E== 1 mv2] stav: [Ep= mgh] muelle: [Ep= 1 kx2] para F.cons: [Em, = Emz]

(coerda)

(coerda)

(coerda)

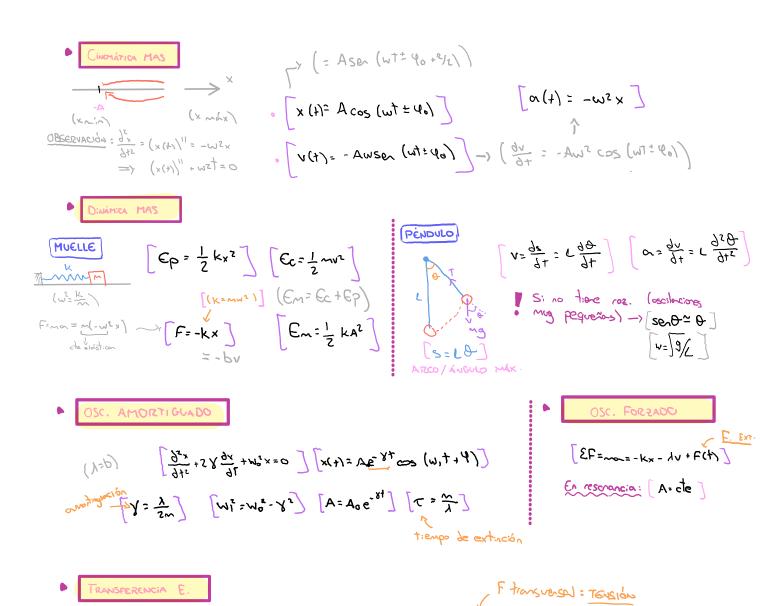
(coerda)

$$V_{p} = \frac{F_{r}}{\mu} \left[V_{p} = \frac{B}{\mu} \right] \left[F_{z} - K_{x} = -b_{v} \right] = \frac{b^{2}y}{dx^{2}} = \frac{\mu}{F_{r}} \frac{d^{2}y}{dt^{2}}$$

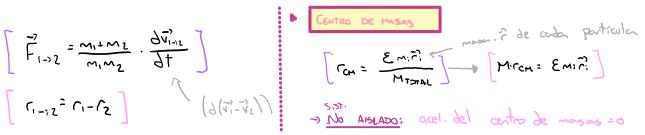
(coerda)

$$V_{p} = \frac{F_{r}}{\mu} \left[V_{p} = \frac{B}{\mu} \right] \left[F_{z} - K_{x} = -b_{v} \right] = \frac{b^{2}y}{dx^{2}} = \frac{\mu}{F_{r}} \frac{d^{2}y}{dt^{2}}$$

(coerda)



Sistems De Partículas



Variación E con el tiempo - POTENCIA: [P= { NAMO AZ DX)