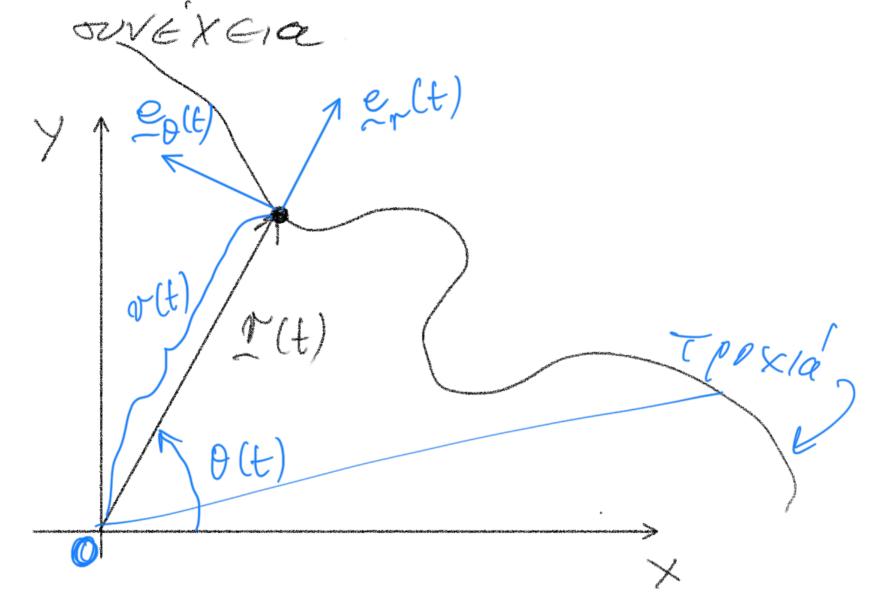
PYEKHI MEMIOS JOGGESM 5

Tropices 2 untetable ves



or(t)= | r(t)) O(t) swria ut s. r(t) rai ! Cazora Tur x).

Deon $\mathcal{D}(t) = \mathcal{D}(t) \mathcal{D}(t)$ $\mathcal{D}(t) = \mathcal{D}(t) \mathcal{D}(t)$ $\mathcal{D}(t) \mathcal{D}(t)$ $\mathcal{D}(t) \mathcal{D}(t)$

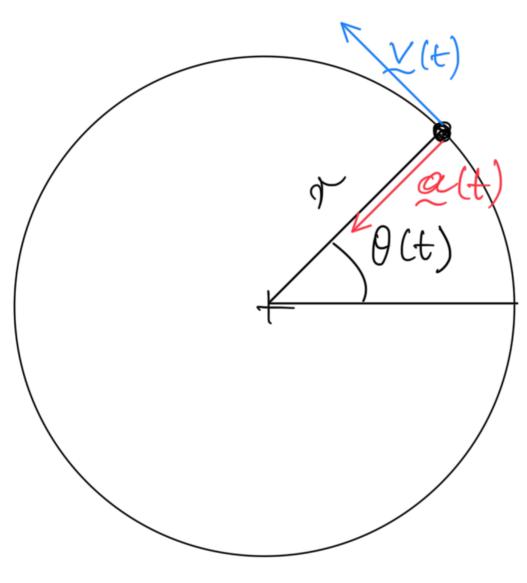
Mapagneri Teu

$$\alpha = (i - ri^2)e_r + (ri + 2ii)e_o$$

$$coriolis (3)$$

Dunan Kolvalian Kilmon

$$\theta(t) = \sigma(a\theta)$$
.



Exw

O(t) = wt

OTTOU W= State.

AVTIKa D. (4) -> (2)

TaxUTUTA

 $\chi = \gamma \omega \epsilon_{\theta}$

ttposoxn $|\chi(t)| = rw = stab.$

axia X(t) = rweo(t) + stal.

mission ne rate i Anivon

~ xw)-1 "+ ~ (= U V V V V)1

Emzaxuvon

Avrikal. (4) -> (3) rogave 3 opoc!!! MEVEI ÉVAS

$$\alpha = -r\omega^2 e_r$$

av V = rw = (1

Force
$$e^{1}xw$$

$$a = - - \frac{\sqrt{2}}{\sqrt{2}} e_{1}x$$

KENTPOMONOS ETTITAX!!! Boower and ATT. NOT.!!

In Kateud a mos toke vijos -2

petopo V2/p

4 Avaluagn >> Kurzikn Kivnon

 $r = \sigma (a0.)$ $\theta(t) \neq \sigma (a0.)$ $\chi \in n \times a \quad \dot{w} \neq 0$

$$TAX$$
.

 $X = POCO$
 axa
 $|X| \neq \sigma ra0$.

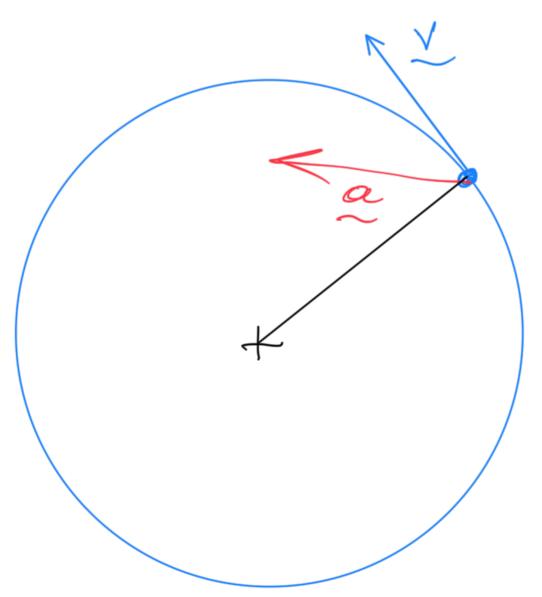
E#17ax.
(3)=)

$$\alpha = - N \omega^2 + N \partial e_0$$

$$\alpha \kappa \tau_{IV}$$

$$\delta \kappa \nu \alpha \kappa \kappa_i$$

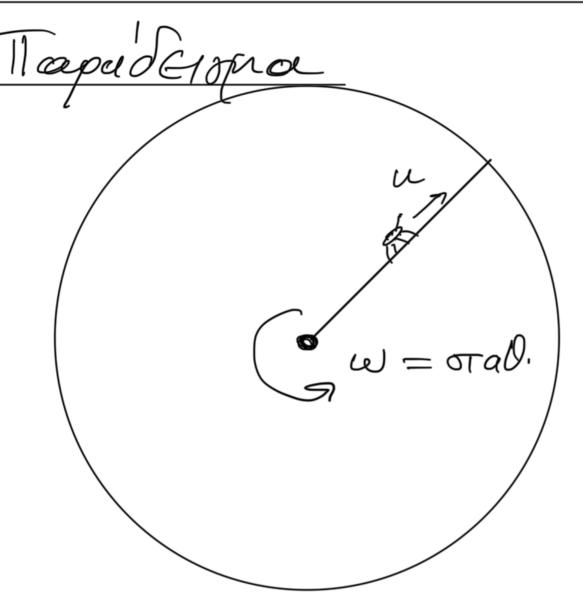
zoon attams ms ms jænaknis taximzas!



HETTITAX. ESEIXVEIS KAZON MESOM JEGIA TON KUKZON ALLA

der évou reropouogos.

MH-KYKNIKH KINHEH



Diokos jupra'es me oral. xwv.

Tax. w= oral. Zovzovu nepraraes

me oral. padm. Tax. u= oral. nam

or artinen spatjovna ron diokov.

Dejw X(H), a(H) ya ro Jonsovs.

ATTENT. Epulmon: U mos Déve ra de donceras pa Tis 1,0 Tov Zov.

$$\dot{\theta} = \omega = \sigma ca\theta$$
,
 $\dot{r} = u = \sigma ca\theta$,

W, u dédonnera. Avtirad (5) ornv (2).

TIV

V=uer+r(t)weor TO TO Givan; r=u v100eou ou r(0)=0 \Rightarrow r(t) = ut> X = uer + uwter EtHITA X. AVTIKAD. TNV (5) OTNV (3) $\alpha = -uwter + 2uweo$ << xc vapo no 205>> ou viornisa œus. Spanguka ne 20 xporo. juriakn' ounotwoa Try Ett ITaX, Trapojo trou 0=0 (suriaky Emzax=0). CORIOLIS (otalepn). Sauz. sur. our. Taximtas laxaou paterd. This aftirities tax.

Tapader Ana 2

ZOVJOVVI' THE ZON'ES OF OTTERPOGIOS' Tpoxia! Divetal ou $r(t) = b e^{at}$, b, Ω > 0 σταθερεί 0H)=12t d) Breine Y(t), a(t) kon B) Exognante Thu KATEUDUNON TINS De WS MOS THU TOOKLOR. (2) > V = rer + rde0 = = brester+brester V(t) = b-2e (e+ +0)

$$\alpha: \dot{r} = b \Omega^2 e^{\Omega t}, \dot{\theta} = 0$$

$$\sigma = b \Omega^2 e^{\Omega t} - b \Omega^2 e^{\Omega t}$$

$$\alpha = 0 = 0 + (0 + 2b \Omega^2 e^{\Omega t}) = 0$$

$$\alpha(t) = 2b \Omega^2 e^{\Omega t}$$

other att. Fatecoom

m tax. EXET KATEUDUVON enteo upa n dunia MTS a, v eina TT4, 45° ota Ocpn.