PYZIKH 1 Siage 5m 17 KEVTPO Moisas. ovotn'ua tos YE n' otepeoù orinaros (ovotnuezos). Svomma YZ -> Zuvexés Etepes Zimpon

Av Dewonow ovomma NYE

ME majes mi, taxirnzes Vi

(i=1. N) n taxirnza Kéntoov ma Cas

Zem Einer n Tax Erós YE ME Maja on ornosikn M= = mi kou goun $\mathcal{P} = \sum_{i=1}^{N} m_i \mathcal{N}_i = \sum_{i=1}^{N} \mathcal{P}_i$ en overlen $p = M_{\chi_{CM}} = \sum_{i=1}^{\infty} m_i \chi_i$ $\sum_{l=l} m_l' V_{L}'$

To KEVTPO majas Eiven DEON Dem Tico.

JCM = VCM

To opi) w

 $\frac{\sum_{i=1}^{n} m_{i}' p_{i}}{\sum_{i=1}^{N} m_{i}'}$

205 Nous pa Evotura YE

707 E

F = M & cm

ottor dem = ion = ion

Mapa d'Esqua

TEZaw mu KIVETIKU XCIOOBOURING

Taxizu76 2 to unjotepo onneso mus TOOXIAS n'XEIPOBOUBISA EXPUSION of 2 von Kommaria. Eva Fouzour Trava om xerpoboubida netopaer no zaxomza tor trava kong

Earlo (zer. x) Na BPE Don el zaxdmzes zur Koppaziur us troos zn zn a<u>mesons</u> meza zo MTTAM. P) TI KIMON KAVET TO KM TUV KOMMETUN META 20 MTTAM; Exozio. Exermiraxizura. Moxenton Jax. Tou Marw

HOXEMEN TAX. TOU THAM

KOMPATION WS TOO) LO JONSONN
6'NM VXI. To Corloin

ONEXISE VA KONVIETAN OTTUS TIPIN 20 MUAM.

Moia 6'rus n Tax. Zon Son Jouris Kara ro MUAM; (Tax. XEIPOBOMBI des QUEONS UPIN 20 MUMPS)

Attarmon Vox i

ETTET d'u n opijovita za X Jinza Glau otabépu = V_{OX} (diou oi $E_{S}^{2}u_{7}$, $\delta u_{a}^{2}u_{6}$) Etan moro faptimea).

Kau ett ons other kopupu ens tpoxids, n za X. Eiran opijovita aoa $V_{u}=0$ zoie.

Horresten Zaxienza Tor Main Comagion Sha troop; Gran n tax. ron JonJourion + oxe7, Tax. Komazion Ws tipos JonJouri V= Vox b + Vx 1. H Tax vor kazu kopula vor too oo Gienj

11000 6'MU 20'LE M \times cm)ar Opiono $M_{LcM} = m_{+}^{V} + t_{m}^{V} -$ Komaziai. $= \frac{M}{2}V_{+} + \frac{M}{2}V_{-}$

$$\Rightarrow 2 \times cm > 2 + + 2 - \Rightarrow$$

$$\Rightarrow 2 - = 2 \times cm - 2 +$$

$$= 2 \times v_{0x} = v_{0x} - v_{x}$$

$$= 2 \times v_{0x} = v_{0x} - v_{x}$$

$$= v_{0x} - v_{x}$$

V + W KM

p) Ti kard 20 KM; Euroxija anvapxikn Mapa Bosikin Zooxia oa va un ovufaiver remotta! lan; Dion zo page Gran

CERATIES NEW assa Contres duniners non der Ennoca Jour 20 KM. H worn E Suzepien! Dunun Giain Bapolanza omoza 205 Nomos: Mir CM = orojika, Siana Mecm = - Mgj =-gj

۱ ۸

EJGIDFON TRUM QUE ONEXEIA us monfossknj Zooxias. oms tres trop 20 MTMM. (20 1810 10x des son 547 Kompa²719!!!) Mapa d'engra 10 m_{l} max1 + m2 X2

$$m_1 + m_2$$

$$\times_{CM} = \frac{m_1}{m_1 + m_2} \times_1 + \frac{m_2}{m_1 + m_2} \times_2$$

$$ya \quad m_1 = m_1 \quad \times cM = \frac{X_1 + X_2}{2}$$
om $M \in \mathfrak{I}$

$$3)$$
 Av $m_0 >> m_0$

-/ \times

Σε 3Δ

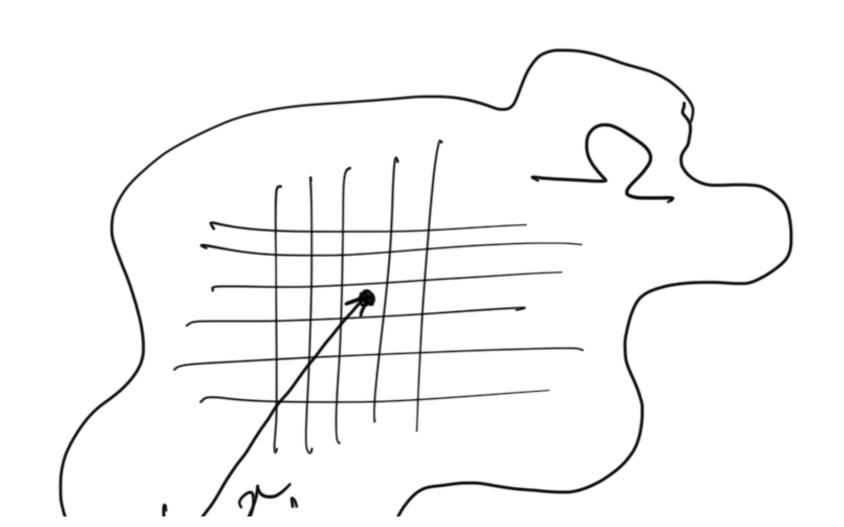
 (x_i, y_i, z_i)

OI OV VTE TA SMEVES Tr ICM

 $\times_{cm} = \frac{\sum m_i' \times_i'}{\sum m_{i'}}$

$$\frac{1}{2} \sum_{m_{i}}^{m_{i}} \frac{1}{2} \sum_{m_{i}$$

KENTPO MAZAS STEPEOY



TEVIRENDE MATATORISES TEPIOXN OTON R³ ME DEUKÓ OSKO, OUROPO 2 CR3 EUVERNS TTEPIORN ME Maja Cazavelinhern Tartou. Héju va 0010 m LM Tons Mararas. on Mera orno Ma Za Za. Koper mr trazaza oz komfarakia majas sm. den Li.

Zugaren paja $M = \sum \Delta m_{\ell}$ Kopovras or 6/0 µ1Kpo260a

don atterpoors otoix eto prajus. Eto overes onna opilou $\frac{ttvkroznza}{p(z)} p(z) p: \Delta \rightarrow R_{+}$ majas an movada ostov. M = (((x))dvZ701X60 majas OTO1XE10 ma/ Tas

p = p(x, y, z) = p(x) senta Drav p= oral. Déple owna S2 oproiogeres Kai oxi « puo de V egz>

 $\int \int x \, dm = \int \int x \rho(x) \, dx$ $\int \int \rho(x) \, x \, dx$

M \sim CM $\int \int (p(x,y,z) \times d\tau$ XCM $\iint \rho(x,y,z) dV$ dxdydz $\int \rho(x,y,z) y dV$ Off p(x,y,z)dxdyd?