(3) - beponseur ree zonoren. - bep-To BALDMIN UPPY KA a) p(4) = A cos; 4 = (p(4). 44 = = A [cos = dq = 1 => A = +

SXXXXX X,= L COSQ. Y,= L Sinq, X2=X,+ L cose, Y= L Sinq, Y2= Y2+ L Signe,

$$X_{n} = \left[-\sum_{i=1}^{N} \cos \varphi_{i} \right]$$

$$Y_{n} = \left[-\sum_{i=1}^{N} \int_{0}^{1} \cos^{2} \frac{\varphi_{i}}{2} \cdot \cos \varphi_{i} d\varphi_{i} \right] - \frac{1}{11} \cdot N \int_{0}^{1} \cos^{2} \frac{\varphi_{i}}{2} \cos \varphi_{i} d\varphi_{i}$$

$$\left[X_{n} \right] = \frac{NL}{11} \int_{0}^{1} \left[1 + 2\cos \varphi + \cos 2\varphi \right] d\varphi_{i} = \frac{NL}{11} \cdot 2\pi i = \frac{NL}{2}$$

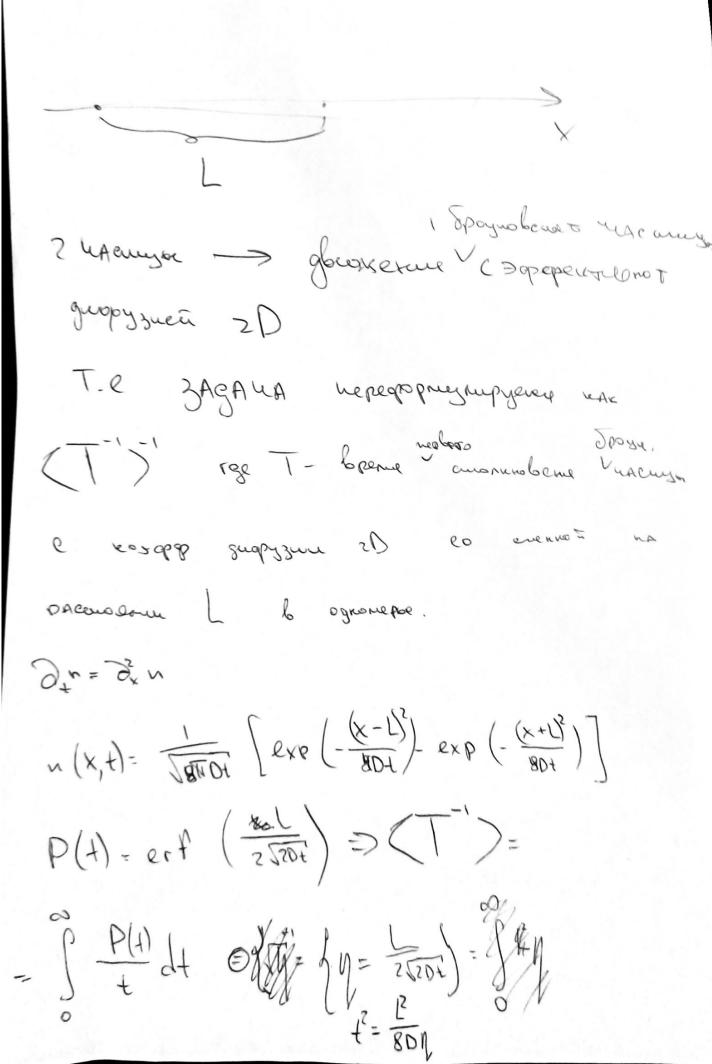
$$\left[X_{n} \right] = \frac{NL}{11} \int_{0}^{1} \cos^{2} \frac{\varphi_{i}}{2} \sin \varphi_{i} d\varphi_{i} = \frac{NL}{11} \left[2\sin \varphi_{i} + \sin 2\varphi_{i} \right] d\varphi_{i} = 0$$

$$= \frac{NL}{11} \left[2\sin \varphi_{i} + \sin 2\varphi_{i} \right] d\varphi_{i} = 0$$

$$\langle X_{1} \rangle = \frac{1}{4\pi^{2}} \int_{1}^{2} \left(\sum_{i=1}^{N} \cos^{2} \varphi_{i} \right)^{2} \cos^{2} \frac{\varphi_{i}}{2} d\varphi_{i}$$

$$= \frac{1^{2}}{4\pi^{2}} \cdot N \int_{1}^{2} \cos^{2} \varphi_{i} \cdot \cos^{2} \frac{\varphi_{i}}{2} d\varphi_{i} + \frac{1}{4\pi^{2}} N \cdot N \cdot N \cdot 1 \int_{1}^{2} \cos^{2} \varphi_{i} \cos^{2} \varphi_{i}$$

$$= \frac{1^{2}}{8\pi^{2}} \cdot N \int_{1}^{2} \cos^{2} \varphi_{i} \cdot \cos^{2} \frac{\varphi_{i}}{2} d\varphi_{i} + \frac{1}{4\pi^{2}} N \cdot N \cdot N \cdot 1 - \frac{1}{4\pi^{2}} \int_{1}^{2} \left(\sum_{i=1}^{N} \varphi_{i} \cos^{2} \frac{\varphi_{i}}{2} d\varphi_{i} + \frac{1}{4\pi^{2}} \sum_{i=1}^{N} \varphi_{i} \cos^{2} \varphi_{i} + \frac{1}{4\pi^{2}} \sum_{i=1}^{N} \varphi_{i} + \frac{1}{4\pi^$$



$$2+dt = \frac{1}{80}^{2} \implies dt = \frac{1^{2}}{80.2 + \eta^{2}}d\eta \qquad t = \frac{1}{\eta \sqrt{80}}$$

$$2+dt = 0 \int \frac{1}{2\eta^{3/2}} \eta'^{2} erf(\eta) d\eta = \infty \implies$$

$$\Rightarrow (T')^{-1} = 0$$

Bepositions,

com 2 reactions

PARticle were coone 3:

P(6) = (0) P= 2/12 ((2/12+2/2)) lapo e merceno repersone la cocar 2 Benomme uno 3ASARRA Memperocotias > DE LETE P = S diz (diz + dis) dt = = - d₁₂ · log (d₁₂ + d₁₃)