	Sounya Raylon Pordlt
milion i separat plant pignat (s.)	20221250 Date: /
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	. Find the net poece that the Southeen herniepher of a uniformly should sphere exacts on the northern homisphere
	That he is good school excepte on the northern homesphere
	unifolmly morgan spread some
thg=	$6 \text{ int} = \frac{\sqrt{3}}{\sqrt{3}} 0 = \frac{\sqrt{3}}{R^3} 0 \log E = \frac{1}{\sqrt{3}} 0 \text{ for } E$ $\frac{\sqrt{3}}{\sqrt{3}} R^3 = \frac{\sqrt{3}}{R^3} 0 \log E = \frac{1}{\sqrt{3}} 0 \text{ for } E$
	1 - 13
	$= \frac{1}{4\pi \epsilon_0} \frac{83}{R^3} \frac{1}{82} \frac{2}{8}$
	E=KOvô
	0= 10 1 0 x).
	So, police was poliune = f = f = (Q) (Q) (MR3) (MRO R3)
	$= \frac{3}{80} \left(\frac{0}{4\pi R^3} \right)^2$
-	
	See folce in the 2 direction on dt=>
	See folce in the 2 direction on $dl = 3$ $dF_2 = \frac{1}{4}z d\hat{c}$ $= \frac{3}{5} \left(\frac{1}{\sqrt{N}} R^3 \right)^2 \gamma (\cos \theta) \left(8^2 \sin \theta d\theta d$
-	$= \frac{3}{5} \left(\frac{1}{5} \right) \frac{3}{5} \left(\frac{3}{5} \right) \left(\frac{3}{5}$
	E0 (41 K3)
	The Total foece on the northern honesphere dd
	Fize Id Fz
	= [hzd t 2 , 2 , 12 2 d
	$\frac{1}{2} \int \frac{d^{2}z}{z} \int \frac{d^{2}z}$
	2(08 2 (8) 3 d 7 (0) Osinodo
	= 3(0 ° 2 (8 3) 7 (8 9) mount
	= 3 (0 % ? (80 sinodo) = 3 (0 %) (80 sinodo) = 3 (0
	2 12 18/2 (05)
	$= 3 \left(0 \right) \left(\frac{2}{2} \right) \left(\frac{\sin 0}{2} \right) \left(\frac{1}{2} \right)$
	$= \frac{3}{\epsilon_0} \left(\frac{0}{4} \right) \left(\frac{\sin^2 0}{2} \right) \frac{1}{12} \left(\frac{1}{2} \right)$
	5478R ²
	54AER2
	0.11:0