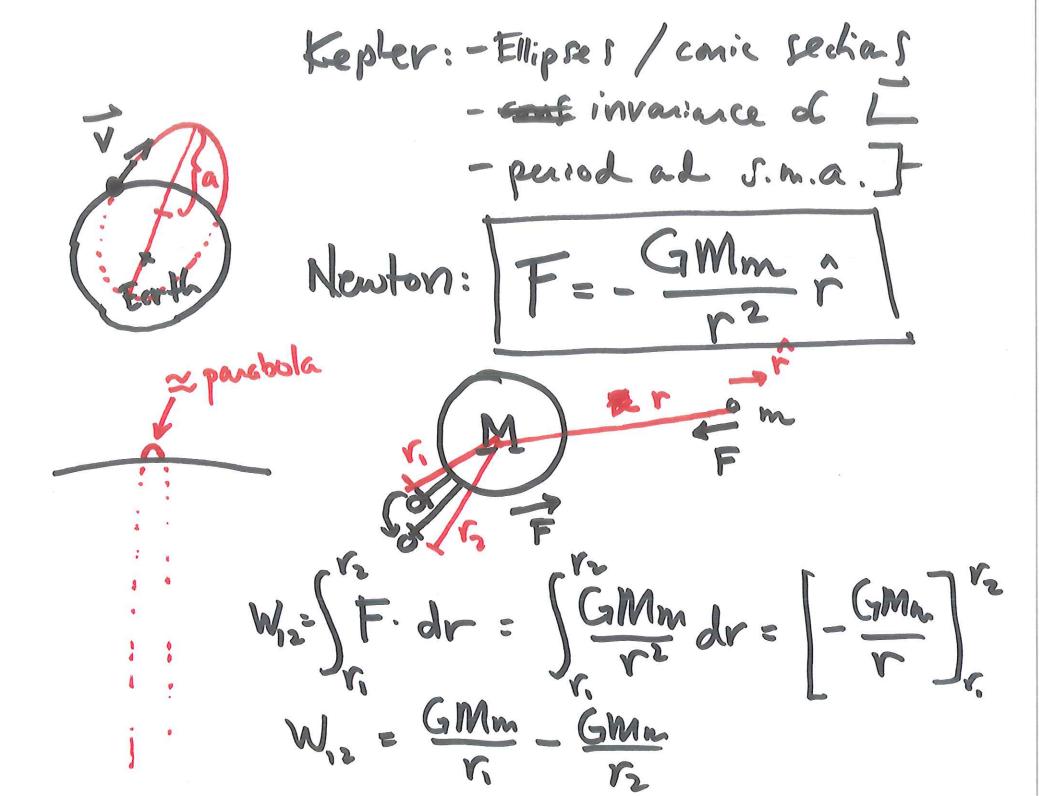
NYU Physics I -	2016-11-15 (parallet axis thm)
Agendo: - Reading	- Granity, Newton's law.
	- Keplen's laws. — Orbits in gravity.
- Exam 5	
- Qr	
- Ballistic	S. TR



plakel engg: Un: GMm au? = au. al = GMo, for finall sh ren Ro: madh. "mell' = < Ra

KE = 2mV; 2 = 2m [v:sna) 2 (v:cora) } U(Ro): - GMm = mRoxicos O @ pahl B KE: 2MVBr + 2mVBt PE = - GMM = mrg Vat

In general: toble E = \frac{1}{2}mV_r^2 + \frac{1}{2}mV_t^2 + \fr honder: L=mrVe=mranal. E= 2my2 + L GMm effective potential quadrate