NYU Physics I — 2016-11-17 Agenda: - reading: arbits. - registratian. - eccentricity.

- Exam 5.

grav. potertal vadial transverse KE. Wirelis energy effective political

circular ornit: constant 4 FI GMM & = JGM even/a L=mvv=JGMvm

$$V_{ap} = -\frac{Gmm}{2E} \pm \sqrt{(Gmm)^2 + 2EL^2}$$

a = GMm ZE | E = GMm elliptich Za abit.

CE Vap-Vreis Vargnery Vargnery

eccetteib