F- G Mimz G= 6.67.10-11 Mass Alex Keoh Disfance Earth 5.972.10² Moon 7.348.10² 3.844.109m 1.5.1011 M Sun 1.989.1030 Lunar Edipse Solar eclipse mon Earth Sun Earth MOON force of sun on moon F=6-67.10-11 (1.999-1050-7348.1022)=4.33.1020 N force of earth on moon F= 6.67.10 (5.972.102 .7.348.1022) = 1.98.1020 Solar erlipse 4.33.1020 + (-1.98.1020) = 2.35-1020 N 4.33.1020 + 1.98.1020 = 6.31.1020 N The moon would have the greatest net force during the lunar peripse with a some of 6.31. (020 N acting on it.