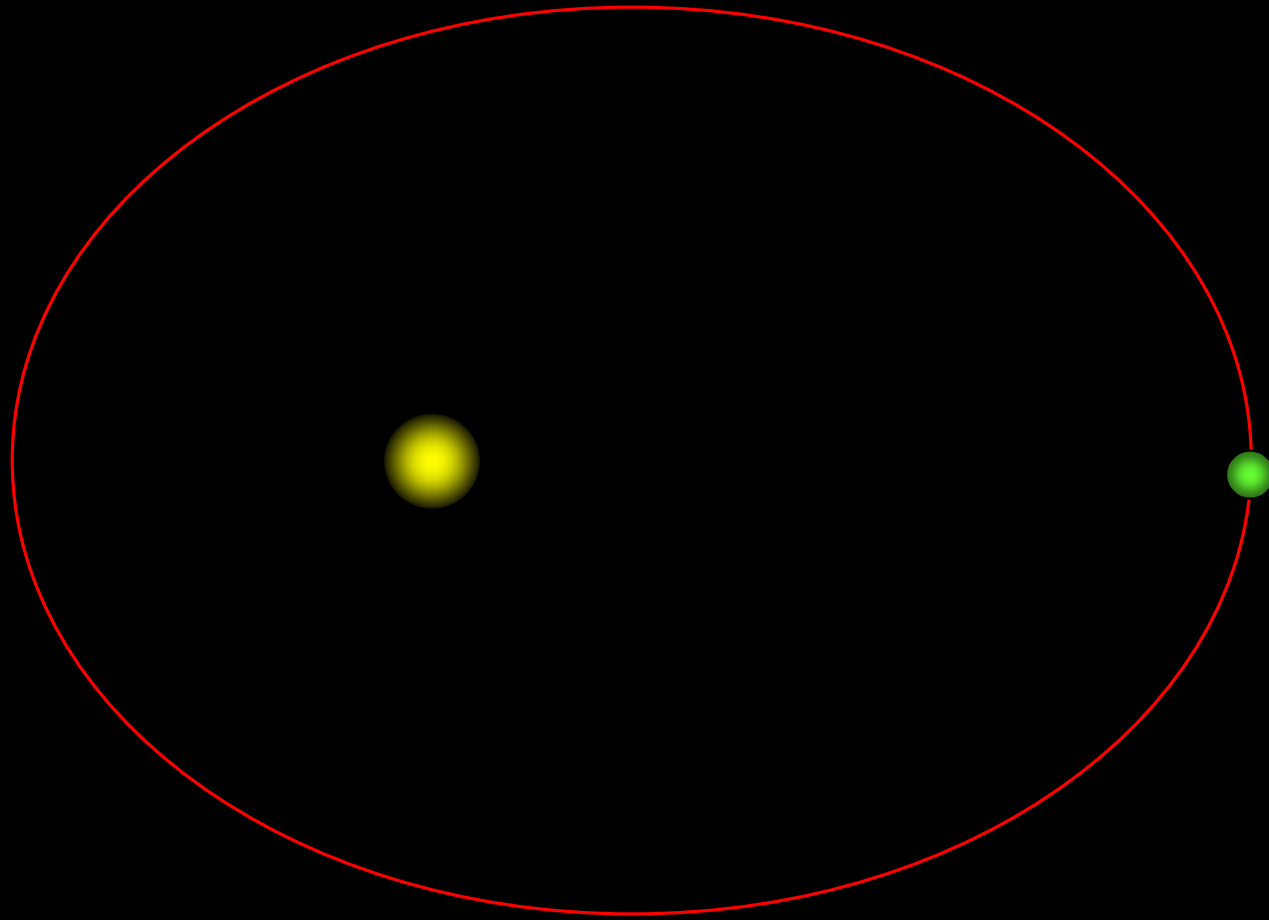


Hukum Kepler

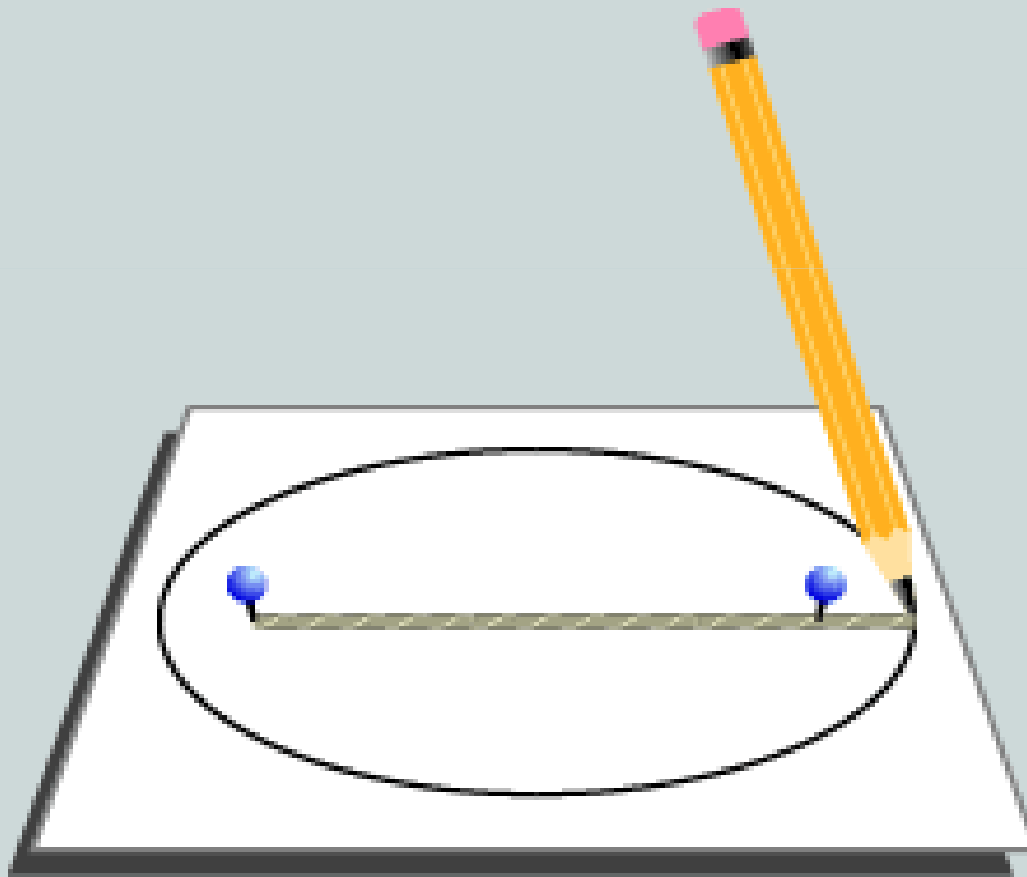


Hukum 1:

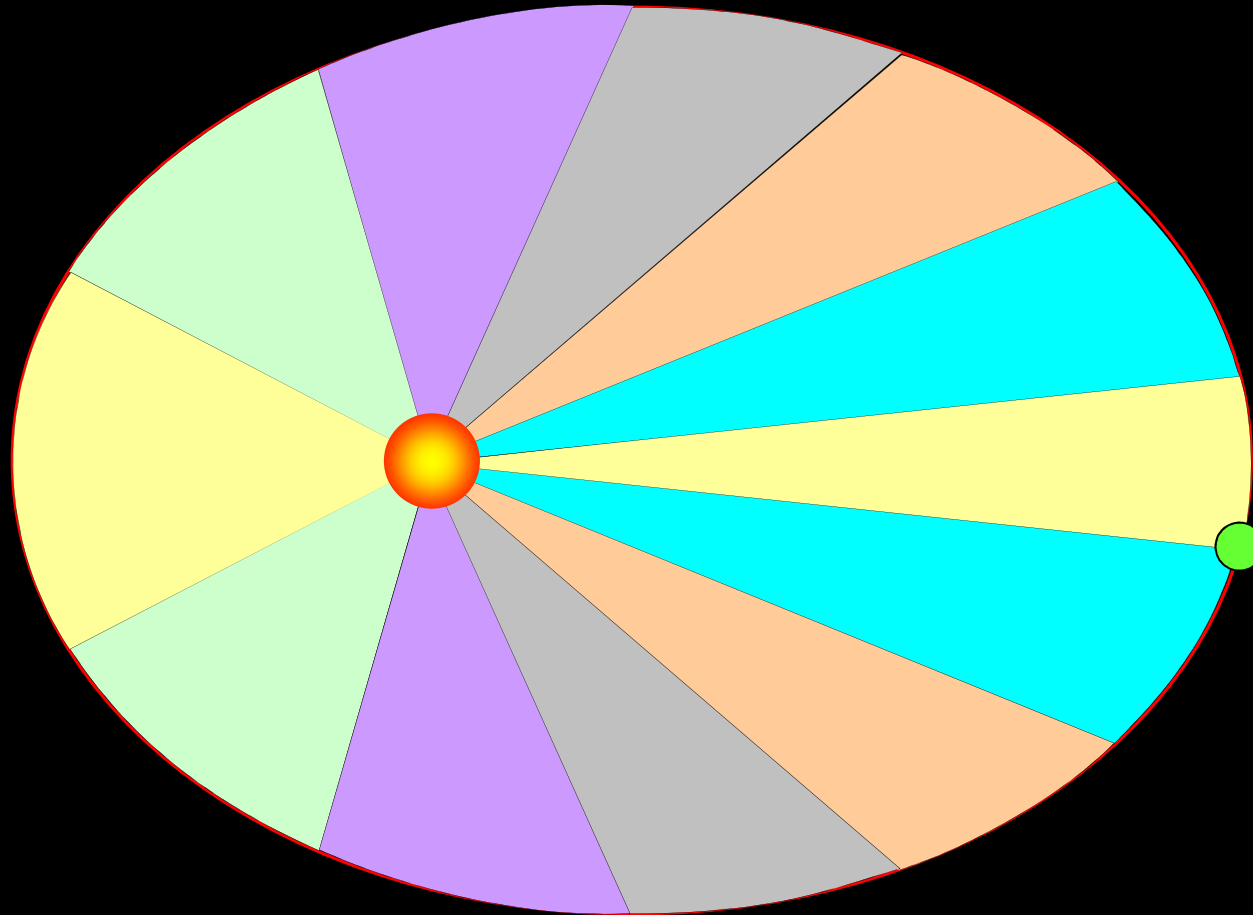


Membuat lintasan elips

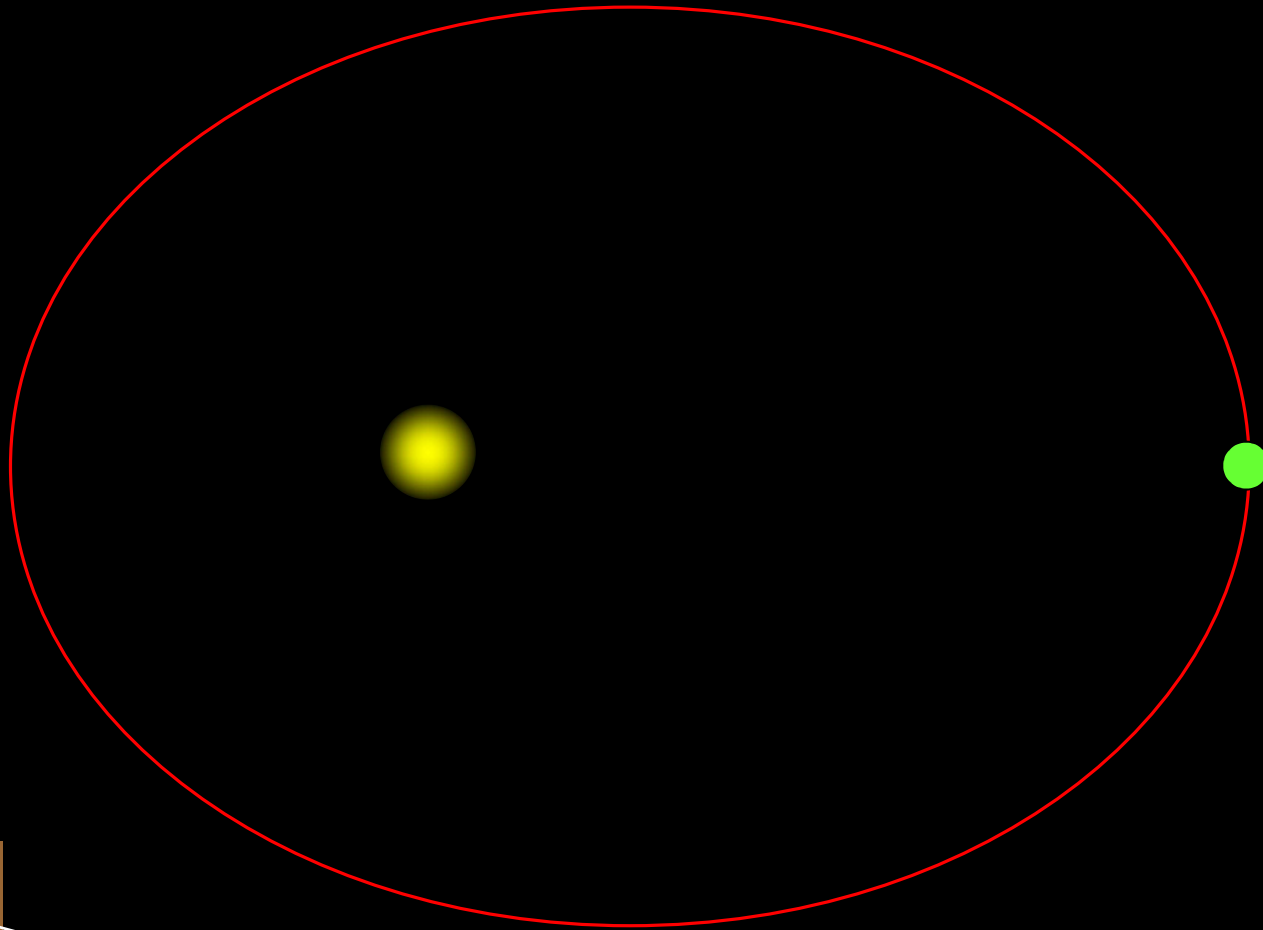
 Focus



Hukum 2:



Hukum 3:



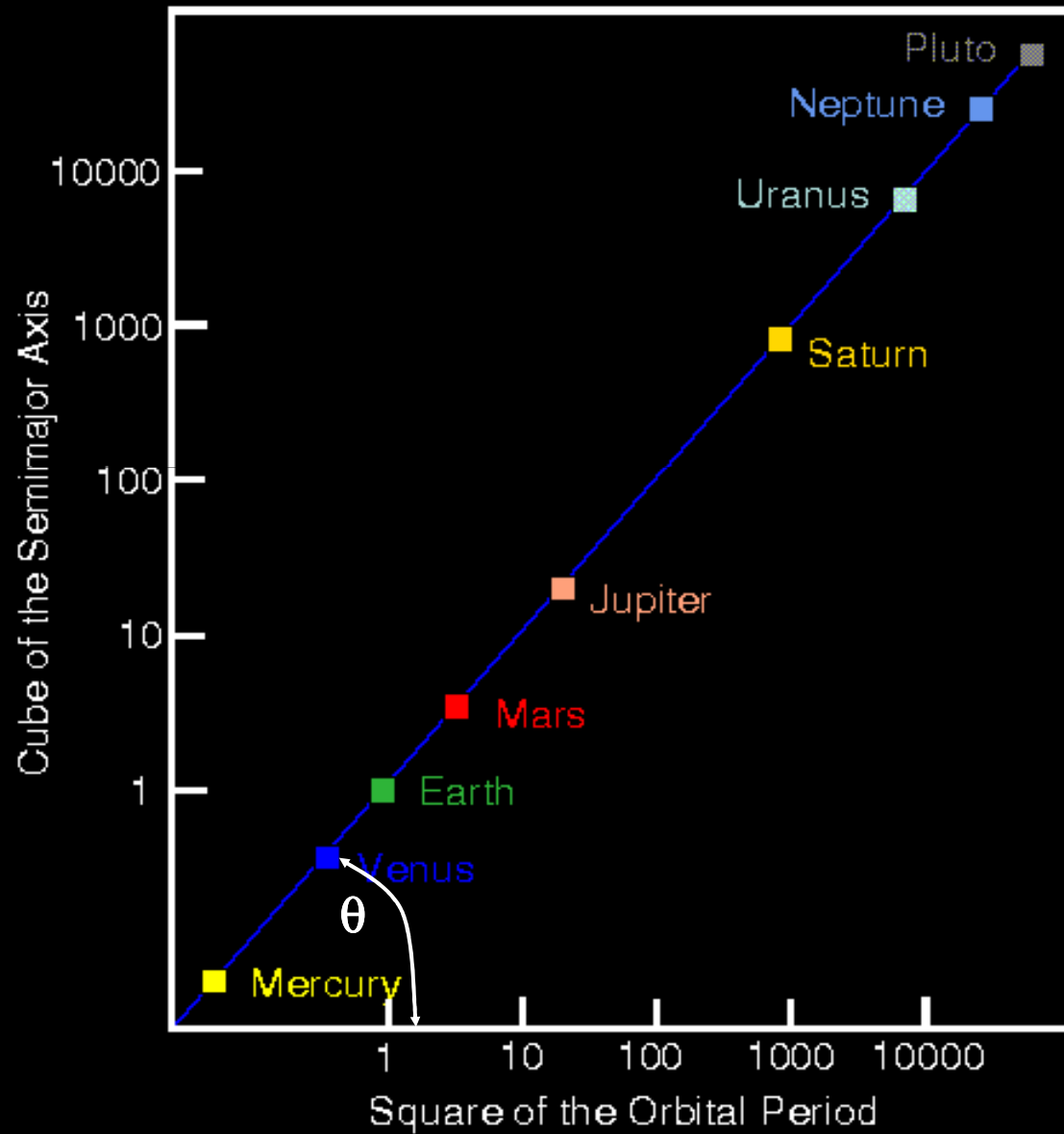
$$T^2 \approx R^3$$

Rata-rata

Data Planet

Objek	R	T	R ³	T ²
Merkurius	0,39	0,24	0,06	0,058
Venus	0,72	0,62	0,38	0,380
Bumi	1,00	1,00	1,00	1,00
Mars	1,52	1,98	3,54	3,93
Jupiter	5,20	11,86	140,65	140,66
Saturnus	9,54	29,46	867,91	867,89
Uranus	19,18	84,01	7060,75	7057,68
Neptunus	30,06	164,80	27162,76	27159,04
Pluto	39,52	248,50	61717,52	61752,25

Grafik fungsi R^3 terhadap T^2



$$\tan \theta = \frac{GM}{4\pi^2}$$