

Abstract Submitted
for the PSF13 Meeting of
The American Physical Society

Gravitational Anomalies: An Attribute of Every Planetary and Satellite Body: A Natural Law STEWART BREKKE, Northeastern Illinois University(former grad student) — Lateral variations in gravity in a planet or satellite are related to anomalous density distributions are gravitational anomalies. Variations in gravity have been found on Earth,the Moon and Mars. These are mountain ranges, canyons and basins such as mascons on Mars, Argyre and Utopia, and mascons on the Moon such as Imbrium and Orentale. Hawaii is a mascon on Earth. These anomalies result from the evolution in the geology of the planet or moon. Gaseous planets and satellites may have gravitational anomalies in their solid or semi solid cores, if they exist. Gaseous planets and satellites may have density concentrations of gases forming gravitational anomalies. Since gravitational anomalies are found on the Earth, the Moon and Mars, by induction gravitational anomalies will be found on all planets and satellites.

Stewart Brekke
Northeastern Illinois University(former grad student)

Date submitted: 04 Aug 2013

Electronic form version 1.4