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MATHEMATICS OF A NEW THEORY FOR CELESTIAL ORBITS

NECAT TASDELEN

Dipl. Mech. Engineer (retired),
Ladin Sokak. No : 13/C/3 Yenilevent/Istanbul/Turkey
E-mail: necattasdelen@ttmail.com

Abstract

Since Kepler's time (1609) we are educated to believe: "Orbits of the planets are elliptical, with the Sun at one focus of this trajectory; that the ray Planet-Sun sweeps out equal area in equal interval of time; that a period law is valid". I claim the contrary. Clearly, it is difficult to agree with novelties, when the community is trained on wrong direction since 400 years. But, mathematics can clarify our understanding. According Newton's laws the orbits of celestial bodies are spiraled. After presenting the mathematical foundations I argue that our educational system about Keplerian math should be corrected.

Key Words : *Kepler laws, Elliptic orbits, Newton laws, Spiraled orbits, Celestial orbits.*

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