Stellar Metamorphosis: Stars Obey Mass-Energy Equivalence

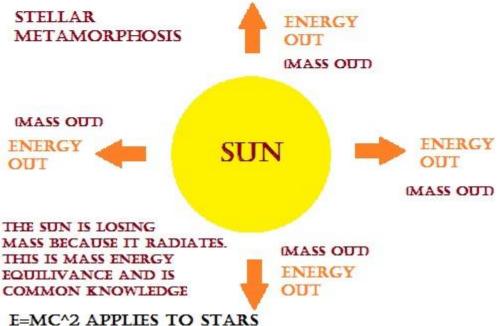
Jeffrey J. Wolynski Jeffrey.wolynski@yahoo.com November 17, 2013 Cocoa, FL 32922

Abstract: In stellar metamorphosis stars obey the mass-energy equivalence principle. This means as a star radiates it loses mass. As it loses mass it will shrink and cool. Explanation is provided.

CLOSED SYSTEM NO MASS TRANSFER



OPEN SYSTEM = MASS TRANSFER



The more the star radiates the faster it will lose mass. Thus young stars become old stars and shrink. As they shrink the material undergoes phase transitions and neutralizes. Thus the star becomes a "planet" over many billions of years. Stars are young planets, planets are ancient stars.

