Bulla Stiint: Univ. Baia Mare, Sera Byrood fabrieding beschroog beschrood att en Matematică-Informatică, Vol. XVIII (2002), Nr. 1, 409 - 114 amisterrob direct send

SCHWARZSCHILD'S METRIC GENERATED BY A BODY WITH MASS m₁ PERTURBED BY A BODY WITH MASS m₂ FROM A FIXED DISTANCE

Dedicated to Costica MUSTATA on his 60th anniversary

(*, ((,),)) a unuibrance maintain D and as serveral P contravers and outed M thing A and senses believed before word and 100 mont Oz. (*, (*, b) to be O mont branches

Abstract. This paper approaches the modification a relativity metrics of spherical symetry generated by a body of mass m_1 due to a for off spherical deals with the translation of the reference frame O'x'y'z' with the origin in m_2 is done in the reference frame Oxyzwith the origin in m_1 .

The stringht line OO' being the support of the axes O'x' and Ox. In the present case, distance OO' = a is considered constant in time.

MSC:83C20

Keywords: space-time metrics