

The energy of a uniformly dense spherical black hole

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Abstract

In this paper, I describe the energy of a uniformly dense spherical black hole.
The paper ends with "The End"

Introduction

In a previous paper, I've described my universal constant Υ .
In this paper, I describe the energy of a uniformly dense spherical black hole.

The energy of a uniformly dense spherical black hole

Eliminating M , g and T and c from the equations

$$\rho = \frac{M}{\frac{4}{3}\pi R^3}$$

$$g = G \frac{M}{R^2}$$

$$c = gT$$

and

$$E = Mc^2$$

gives us

$$E = \frac{64}{27}G^2\pi^3\Upsilon^2\rho R^3$$

where

E is the energy of a uniformly dense spherical black hole

G is the gravitational constant

π is the circular constant

Υ is Ghosh's universal constant

ρ is the density of the uniformly dense spherical black hole

R is the radius of the uniformly dense spherical black hole

The End