Ghosh's universal constant

Soumadeep Ghosh

Kolkata, India

Abstract

In this paper, I describe my universal constant.
The paper ends with "The End"

Introduction

In this paper, I describe my universal constant.

Ghosh's universal constant

Ghosh's universal constant is

$$\Upsilon = \frac{3c}{4\pi G}$$

where
c is the speed of light
π is the circular constant
G is the gravitational constant

The physics of Ghosh's universal constant

Eliminating M and g from the equations

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

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

and

$$c = gT$$

gives us

$$\rho RT = \Upsilon$$

where
ρ is the density of a uniformly dense spherical black hole
R is the radius of the uniformly dense spherical black hole
T is the time to formation of the uniformly dense spherical black hole

The End