The Refractive Relativity Theory (RRT) ECKART COLSMAN, formally General Electric Co — It is suggested that in the General Relativity Theory in the equation for the 4th dimension l=ct, the velocity of light c should replace the time t as a variable. This results in simplified algorithms and more transparency for the GRT. Replacing the time warp with a variable c results in a theory, which is a true complementary concept in the sense of Niels Bohr. It does not contradict any tests, which supports the GRT. The Refractive Relativity Theory (RRT): (A) calculates the bending of light by a body of mass with the theory of refraction per the Snell's law, (B) interprets the cosmological redshift as a universal change of c over time instead with the Doppler effect, (C) describes the gravity field as a dimensional gradient of c, (D) recognizes that the expansion rate of the universe is given by the constant of gravity G, (E) calculates the Hubble constant H to 68.65 km/sec/Mpc, (F) gives the Higgs field a clear definition and addresses the weight conundrum of the W and Z boson particles. Using c as a variable in the universe, the RRT shows the way to a theory unifying the General Relativity with the electromagnetic theory!

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