

A Particle is a Rotating Wave

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See Unified Absolute Relativity Theory at:

<http://www.wbabin.net/saraiva/saraiva105.pdf>

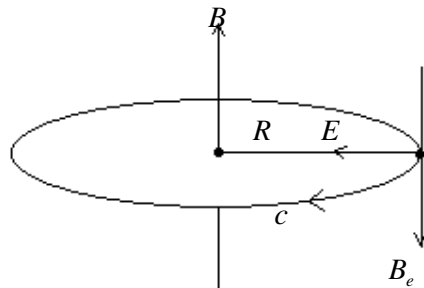
The visible older stars have a maximum age, after that they are invisible. So, we don't know the age of the older dead stars. The age of the universe is infinite.

According to Einstein light is absolute because light is god.

The inverse fine structure constant (N) is a quantic number. It is not an integer because the electron has a double orbit:

$$N = \sqrt{137^2 + \pi^2} = 137.036016$$

The particle electron:



Gyroradius:

$$R = \frac{mv}{qB} \quad \Leftrightarrow \quad R^2 = \frac{mvR}{qB} \quad \text{and} \quad mvR = h / 2\pi$$

$$R = 3.86 \times 10^{-13} = x_e / 2\pi$$

x_e -- Electron's Compton wavelength; m -- Electron's mass; c -- Light speed
q -- Electron's charge; B -- Magnetic field; E -- Electric field

Gyrofrequency:

$$f_e = \frac{qB}{2\pi m} ; \quad f_e \text{ -- Electron's Compton frequency}$$

$$\Leftrightarrow \quad B = 4.416 \times 10^9$$

Magnetic charge:

$$q_m = B\pi R^2 \quad \text{and} \quad q_m = \frac{h}{2q}$$

Acceleration and force:

$$g = \frac{c^2 2\pi}{x_e} ; \quad F = mg$$

And
$$F = \frac{q_m q c}{\pi R^2}$$

Energy:

$$E = FR = \frac{q_m q c}{\pi R} = \frac{ch}{2\pi R} = 0.511 \text{ MeV}$$

Electric charge q:

$$q = E \frac{4}{3} \pi R^3 \quad \Leftrightarrow \quad E = 6.651 \times 10^{17}$$

$$\frac{E}{B} \approx c/2$$