In the paragraph above dark matter induction law Sacharov's law of between any quantum mechanical particle and gravity can be reversed, the relation of $m_\lambda M = m_{pl}^2$. The simple algebra for the three fundamental constants in physics giving this relation show how these three can be combined in Planck's mass of m_{pl} and Planck length of λ_{pl} . The three absolute constants are Heisenberg's uncertainty of h, the universal gravity constant G and the light speed c.

$M_{pl}^2 = hc /G$ $m_{pl} = 5.456\ 10^{-8}$ kg $\lambda_{pl}^2 = Hg /c^3$ $\lambda_{pl} = 4.051\ 10^{-35}$ m

With physic constants truncated. So these cover the period of 1987 to recent.

$G = 6.673\ 10^{-11}$ m³/(kg sec²) $h = 6.627\ 10^{-34}$ Joule sec $c = 2.998\ 10^8$ m/sec

return