Correction of my book about messon of Higgs

book:

Page 5

$$l_g = (2\pi)^{1/2} \cdot l_c \text{ or } l_g = \text{sqrt}(2\pi) \, l_c$$

function (7)

$$CR = 4\pi \, (8\pi^3 \, \varepsilon_0)^{1/2} / k_{5.1a} = 4\pi \, (8\pi^3 \, \varepsilon_0)^{1/2} / (2G \, \varepsilon_0)^{1/2} = 4\pi \, (4\pi^3 / G)^{1/2} = 1.713 \times 10^7$$

CR: constant of stellar(star) rotation

Also page 4 function (5) , page 7 function (17)

page 13

Hypothesis 4

$$\rho_c = Q/\theta v l_c^3$$

θv :coeficient of Volume , ex. for spere $\theta v = 4\pi/3$

Pages 38 ,4

2a.Fine structure constant

We start with these empirical types of angular momentum of m_{eg}

$$2\pi \, (5m_{eg}) \, c \, \lambda_{plank}/h = 1.071 \text{ , (1)}$$

must be :

$$2\pi \, (4.67m_{eg}) \, c \, \lambda_{plank}/h = 1$$

$5/1.071 = 4.67$, 4.67 is :

$$E_{plank}/E_{meg} = 4.670113 = (1/ap)^{\frac{1}{2}} \text{ , (14a) page 39}$$

So 3b aquation is:

$$4.67(7/6) = le/(N_a \, \lambda_{plank}) \text{ , (3b)}$$

or

$(1/ap)^{1/2} \cdot (7/6) = l_e/(N_a \lambda_{plank})$, (3b)

page 45 equation 40

$(7/6) \times 5 \times 160.94 \text{ MeV/c}^2 = 938.8 \text{ MeV/c}^2$, (40)

That equation is an empirical equationand is correct , 5 is 5

So pages 46 ,7

We replace to 40 7/6 from 3b so

equation 43 must be :

$5 \, ap^{1/2} E_0 / (N_a \lambda_{plank}) = (m_p + m_e) / l_e$, (43)

ap is the fine structure of proton , so we can make the hypothesis that

1/25 is the fine structure of mass of E_0

So mass E_0 (messon of Higgs , 160.94 MeV/c^2)

have spin 2 : spin of proton +spin of electron = 3/2+1/2 = 2

and fine structure 1/25

Angular momentum of E_0 : $E_0 \cdot c \cdot l = 25 \cdot h/2\pi$

$l= 31.03$ fermi

*Polonio 214 Rc=30fermi , 210 Rc = 43.7fermi , 218 Rc=38.7fermi , α-nuclear division of 238U ,,Po to Pb

page56 : I=sqrt(2E/L)

page 58

we set $l_c = \lambda_{planck}$, $T = T_{planck}$, $m = DT \cdot T^2 \cdot l_c^2$, DT: constant of density-temperature

correction : $m = m_{planck}/4.67 = m_{eg51a}$

Attention for symboles

Je meg = J_{emeg}

meg = m_{eg}

me = m_e

Na = N$_a$

oscilators lg,lc,λ are described on 13 page

You must read first description of issue page 3

Symboles of constants are :pages 3-14

PREDICTIONS

book includes prediction of neutrino mass 0.4eV/c2 , pages 38-41
Fine structure of proton ap=1/21.8

Meson (messon) of Higgs with mass : 161MeV/c2

Coeficient of Universe surface 64π2

Relativistic coeficient of universe expansion 1.976

The particle (factor) of CMB radiation (CMBR) is electron or positron mass (function)

Temperatures at LHC , existence of CMBR factor , the same law with CMB radiation

I think you will find my hypotheses interesting.

ALEXANDRIS NIKOS ,BOOK: Modified Hawking Field

http://nalxchal.blogspot.com