Errata

R. J. Finkelstein: Observable Properties of q -Deformed Physical Systems, *Lett. Math. Phys.* **49** (2) (July 1999), 105–114.

1. Changes have been made in Equations (4.7) and (4.8):

One finds for the vector fields

$$D_{\mu\lambda}(x) = \left(g_{\mu\lambda} - \frac{\partial_\mu \partial_\lambda}{m^2}\right) \left(\frac{1}{2\pi}\right)^4 \frac{1+q}{2} \int e^{-ikx} \frac{1}{k^2 - m^2} \left(1 + \frac{1-q}{1+q} \frac{k_o}{\omega}\right) d^4k \quad (4.7)$$

and for spinor fields

$$S_{\alpha\beta}(x) = (\not{\partial} + m)_{\alpha\beta} \left(\frac{1}{2\pi}\right)^4 \left(\frac{1-q}{2}\right) \int e^{-ikx} \frac{1}{k^2 - m^2} \left(1 + \frac{1+q}{1-q} \frac{k_o}{\omega}\right) d^4k, \quad (4.8)$$

where

$$\omega = (\mathbf{k}^2 + m^2)^{1/2}. \quad (4.9)$$

For the standard vector (spinor) field $q = 1(-1)$ these propagators reduce to their standard form.

2. ‘Bhabha’ under Equation (4.9) has been changed to ‘Dirac’:

One may test these expressions by computing, for example, electron-electron scattering or electron-positron annihilation. One obtains the standard (Möller) expression for electron-electron scattering and the standard (Dirac) expression for electron-positron annihilation but both expressions are multiplied by frame-dependent factors.

3. Reference 3 has been changed to

3. Finkelstein, R., *Internat. J. Modern Phys. A* **11** (1996), 733.