K. Scharnhorst, D. Robaschik, E. Wieczorek: *Radiative corrections to the Casimir effect at finite temperature - Real time formalism.* IfH Berlin-Zeuthen Preprint PHE 85-13, 40 pp.. Institut für Hochenergiephysik (IfH), Berlin-Zeuthen, 1985.

Misprints, errata, addenda:

- P. 18, eq. (3.21) should read correctly (missing exponent in the last term inserted):

$$\begin{aligned} F(a,\beta) &= \frac{\pi^2}{45}\,\frac{a}{\beta^4} - \frac{\pi^2}{720}\,\frac{1}{a^3} \\ &\quad - \frac{1}{2\pi\beta^3}\sum_{k=1}^{\infty}\left[\frac{1}{k^3}\,\frac{\cosh\frac{k\pi\beta}{2a}}{\sinh\frac{k\pi\beta}{2a}} + \frac{\left(\frac{\pi\beta}{2a}\right)}{k^2}\,\frac{1}{\sinh^2\frac{k\pi\beta}{2a}}\right] \end{aligned} \tag{3.21}$$

- P. 23, eqs. (4.6), (4.7), the sign after $F(0)$ should be reversed (from minus to plus). P. 24, eq. (4.9), second line, the sign after $F(a,\beta)_0$ should be reversed (from minus to plus).

- P. 24, eq. (4.8), the equations should read correctly

$$\begin{aligned} {}^{s}D^{c\ 11}_{\beta\ \mu\nu} &= -\left[{}^{s}D^{c\ 22}_{\beta\ \mu\nu}\right]^* \ , \quad {}^{s}D^{c\ 12}_{\beta\ \mu\nu} = {}^{s}D^{c\ 21}_{\beta\ \mu\nu} \ , \\ \Pi_{\beta\ \mu\nu}^{\ 11} &= -\left[\Pi_{\beta\ \mu\nu}^{\ 22}\right]^* \ , \quad \Pi_{\beta\ \mu\nu}^{\ 12} = \Pi_{\beta\ \mu\nu}^{\ 21} \end{aligned} \tag{4.8}$$

- P. 25, 7. row from top, '(A.14)' should read correctly: '(A.8)'.

- P. 27, eq. (4.14), the lower limit $\frac{2\pi|n|a}{\beta}$ in the first integral should read correctly: $\frac{2\pi|n|}{\beta}$. The sign in front of the expression on the r.h.s. should be reversed (from minus to plus).

- PP. 27/28, eq. (4.15), the sign in front of the expression on the r.h.s. should be reversed (from minus to plus).

February 2010