

Errata (typographical errors omitted by the authors in their proofreading).

M. Hayashi and Honorio Vera Mendoza, "Quantum phase space for an ideal relativistic gas in d spatial dimensions", *Rev. Mex. Fís* 38 (1992) 81–91.

On p. 83, Eq. (4) should read:

$$\begin{aligned} d\sigma^{(d)}(p_i, m_i) &= 2g(\omega_d p_i)\theta(p_{i0})\delta(p_i^2 - m_i^2)d^{(d+1)}p_i \\ &= \frac{g(\omega_d p_i)}{p_{i0}}d^{(d)}p_i, \end{aligned} \tag{4}$$

On p. 83, lines 14 and 15 should read:

$$\Phi_N^{(d)}(\beta, m_1, m_2, \dots, m_n) = \int \exp(-\beta p)R_N^{(d)}(P, m_1, m_2, \dots, m_N)d^{(d+1)}P, \tag{5}$$

where β is the inverse temperature: $\beta_\mu = u_\mu/T$ (in the common rest frame of β)

On p. 87, line 10 should read:

$$x_\alpha = \exp(-\beta q_\alpha). \tag{28}$$

On p. 88, line 13 should read:

$$Z_N^{(d)}(\gamma) = \sum_{\{n, N\}} \prod_{k=1}^N \frac{1}{n_k!} \left[\frac{C_d(m\beta)^{-d''} (-\gamma)^{k-1} K_{d'}(km\beta)}{k^{d'}} \right]^{n_k}, \tag{35}$$

On p. 88, Eq. (36) should read:

$$\begin{aligned} \sigma_N^{(d)}(Q, \omega_d) &= \sum_{\{n, N\}} G^{(d)}[\{n, N\}, \gamma] \int \delta^{(d+1)} \left(Q - \sum_{k=1}^N P_k \right) \\ &\quad \times \prod_{k=1}^N R_N^{(d)}(P_k, km)d^{(d+1)}P_k, \end{aligned} \tag{36}$$

On p. 89, Eq. (37) should read:

$$G^{(d)}[\{n, N\}, \gamma] = \prod_{k=1}^N \frac{1}{n_k!} \left[\frac{(-\gamma)^{k-1}}{k^{d+1}} \right]^{n_k} \tag{37}$$

On p. 91, Reference 9 should read:

9. S. de Groot *et al.*, *Proc. R. Soc.* 203A (1950) 266; A. Münster, *Z. Phys.* 144 (1956) 197; P.T. Landsberg, *Proc. Cambridge Philos. Soc.* 50 (1954) 65.