Erratum

Thermal hadron production in pp and $p\bar{p}$ collisions

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There are two mistaken formulae in Sect. 5. The correct formulae are given below.

Equation (42) should read:

$$\langle\langle n_j n_l - \frac{1}{2} \delta_{jl} (n_j^2 + n_l^2) \rangle\rangle = (1 - \frac{1}{2} \delta_{jl}) \frac{1}{Z} \frac{\partial^2 Z}{\partial \lambda_j \partial \lambda_l} \Big|_{\lambda=1}.$$

Equation (43) should read:

$$\frac{1}{n_1! \dots n_K!} \frac{1}{Z} \frac{\partial^n Z}{\partial \lambda_1^{n_1} \dots \partial \lambda_K^{n_K}} \Big|_{\lambda=1}.$$

Above equation (42) the sentence "...all Boltzmann factors $\exp(-\beta_i \cdot n_{j,k}^i p_k)$..." should be replaced by: "...all Boltzmann factors $\exp(-\beta_i \cdot p_{k(j)})$..."

Just below equation (43) the sentence: "This expression proves that $\log Z(\lambda_1, \dots, \lambda_K)$..." should be replaced by: "This expression proves that $Z(\lambda_1, \dots, \lambda_K)$..."