

Nonequilibrium statistical mechanics I. The Boltzmann transport equation

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Corrigendum

Non-equilibrium statistical mechanics I. The Boltzmann transport equation
 Blatt J M and Opie A H 1974 *J. Phys. A: Math., Nucl. Gen.* **7** 1895–906

Equation (1.9) should read

$$\frac{\partial f}{\partial t} = -[f, H_1] + \int d^3\mathbf{p}_2 \int d^2\mathbf{b}v_{12}(f(\mathbf{r}_1, \mathbf{p}_1)f(\mathbf{r}_1, \mathbf{p}_2) - f(\mathbf{r}_1, \mathbf{p}'_1)f(\mathbf{r}_1, \mathbf{p}'_2)).$$

Equation (2.29) should read

$$\int d^3\mathbf{r}_2 = \int dx_2 dy_2 dz_2 = - \int_0^{\Delta t} dt_c db_\xi db_\eta v_{12}.$$

Equation (2.30) should read

$$\Delta g^{(2)} \simeq \frac{N-1}{V} \int d^3\mathbf{p}_2 \int_0^{\Delta t} dt_c \int d^2\mathbf{b}v_{12}(g_0(\mathbf{r}_1, \mathbf{p}_1)g_0(\mathbf{r}_2, \mathbf{p}_2) - g_0(\mathbf{r}'_1, \mathbf{p}'_1)g_0(\mathbf{r}'_2, \mathbf{p}'_2)).$$