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Erratum

Quantum-Statistical Approach to Gross Properties of Peripheral Collisions between Heavy Nuclei

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A missing factor 2 on the r.h.s. of (3.1) and a missing factor $(-1/2)$ in the τ^2 term of (D.4) lead to the following modifications:

p. 244: In addition to the factor 2, replace $\pi/4$ by π in (3.1). Replace $\sqrt{\pi}/2$ by $\sqrt{2\pi}$ in (3.3). Replace $\sqrt{\pi}/2$ by $\sqrt{2\pi}$ in (3.3).

p. 245: Replace 1 by 2 on the axes of Fig. 4. Replace $4\sqrt{2/\pi}$ by $4/\pi$ in the definition of R in Fig. 5.

Replace $\tau_{\mathrm{mem}}/\tau_{\mathrm{rel}} \gtrsim 0.25$ by $\tau_{\mathrm{mem}}/\tau_{\mathrm{rel}} \gtrsim 1$ below (3.9).

p. 246: Replace τ_0/A by $2\tau_0/A$ in (3.15) and $2 \cdot 10^{-23}$ sec by $4 \cdot 10^{-23}$ below (3.15).

p. 249: Replace $\exp[-(\tau/\tau_{\mathrm{mem}}^{(\nu\mu)})^2 \pi/4]$ by $\exp[-\pi(\tau/\tau_{\mathrm{mem}}^{(\nu\mu)})^2]$. Replace $4/\pi$ by $(2\pi)^{-1}$ in and below (E.3). Replace $(\pi/2)^{1/2}$ by π in (F.2). Write in row 3 and 4 after (F.8) ... $4\kappa^2/a^2 = 1$, i.e. $\tau_{\mathrm{mem}}/\tau_{\mathrm{rel}} = \pi/4$. According to (E.3), $\tau_{\mathrm{mem}}/\tau_{\mathrm{rel}} < 2\pi$. Hence, ...

p. 250: Replace τ_0/A by $2\tau_0/A$ below (G.1).

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