

## Erratum: Charged-Particle Stopping Powers in Inertial Confinement Fusion Plasmas [Phys. Rev. Lett. 70, 3059 (1993)]

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In our Letter there are two equations that utilize the parameter  $x^{t/f} = v_t^2/v_f^2$ , where  $v_t$  is the test particle velocity in the plasma, and  $v_f$  is the background field velocity of the electrons or ions. For the case of binary interactions,  $v_f^2 \sim 2kT_f/m_f$ , as stated just after Eq. (2). However, for the case of the collective stopping term, as applies to Eq. (3),  $v_f^2 \sim kT_f/m_f$ , as was indicated by Tamm [1] and Jackson [2]. For results in this Letter, this has a very small effect, but it will bring our results into asymptotic agreement ( $x^{t/f} \gg 1$ , but still nonrelativistic) with Refs. [1] and [2], as well as with the stopping formula of Maynard and Deutsch [3], and Zimmerman [4].

- [1] I. E. Tamm, *Selected Papers*, edited by B. M. Bolotovskii and V. Ya. Frenkel (Springer-Verlag, New York, 1991), p. 128.
- [2] J. D. Jackson, *Classical Electrodynamics* (Wiley, New York, 1975), Chap. 13.
- [3] G. Maynard and C. Deutsch, *J. Phys.* **46**, 1113 (1985).
- [4] G. B. Zimmerman, Report No. UCRL-JC-105616, 1990 (unpublished).