Erratum: Synchrotron radiation by fast fermions in heavy-ion collisions [Phys. Rev. C 82, 034904 (2010)]

Kirill Tuchin

(Received 22 February 2011; published 22 March 2011)

DOI: 10.1103/PhysRevC.83.039903 PACS number(s): 25.75.−q, 99.10.Cd

In the paragraph following Eq. (7), the cited lattice result for the electric conductivity should read $\sigma \approx 7C_{\rm em}T^2/T_c$ [23], where $C_{\rm em} = 4\pi\alpha_{\rm em}\sum_f e_f^2$. Accordingly, at $T \approx 2T_c$ we now have $\sigma \approx 1.5$ fm^{-1} and the relaxation time $\tau \approx 9$ fm. For this revised value of τ the adiabaticity parameter γ is smaller than 0.1 even for $T = T_c$. Therefore, the time dependence of the magnetic field is adiabatic as stated in the article and *all results derived in Secs. II–V remain valid*.

We are grateful to Ajit Srivastava for pointing out the error in Fig. 3 of Ref. [23] that led to the incorrect value of σ used in our original article.

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[23] S. Gupta, Phys. Lett. B **597**, 57 (2004).

