

Erratum: A Little Inflation in the Early Universe at the QCD Phase Transition [Phys. Rev. Lett. **105**, 041301 (2010)]

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In our original Letter [1] Ref. [2] (there denoted as [14]) is incorrectly cited as only discussing the case of a low baryon asymmetry. The authors of Ref. [2] also discuss a short inflationary phase with an initially large baryon asymmetry. Furthermore we would like to acknowledge that Kämpfer *et al.* discussed a strong supercooling at the QCD phase transition with an increased primordial baryon asymmetry even earlier [3–9], which also briefly mentions an asymmetry of order one. Reference [8] was already cited in the original Letter but only in the context of nucleation without highlighting the similarity of the scenarios. Still our work is complementary to the others since we discussed the broader cosmological consequences of an inflationary epoch at the QCD phase transition which the previous work did not fully address.

- [1] T. Boeckel and J. Schaffner-Bielich, *Phys. Rev. Lett.* **105**, 041301 (2010).
- [2] N. Borghini, W. N. Cottingham, and R. V. Mau, *J. Phys. G* **26**, 771 (2000).
- [3] B. Kaempfer, *Astron. Nachr.* **307**, 231 (1986).
- [4] B. Kaempfer, *Astron. Nachr.* **309**, 19 (1988).
- [5] B. Kaempfer, *Astron. Nachr.* **309**, 347 (1988).
- [6] B. Kaempfer, *Astron. Nachr.* **310**, 203 (1989).
- [7] V.G. Boiko, L.L. Enkovskii, B. Kaempfer, and V.M. Sysoev, *Astron. Nachr.* **311**, 265 (1990).
- [8] L.L. Jenkovszky, V.M. Sysoev, and B. Kämpfer, *Z. Phys. C* **48**, 147 (1990).
- [9] B. Kämpfer, *Ann. Phys. (Leipzig)* **9**, 605 (2000).