

This is a repository copy of Author Correction: Relativistic Doppler-boosted y-rays in High Fields.

White Rose Research Online URL for this paper: https://eprints.whiterose.ac.uk/175980/

Version: Published Version

Article:

Capdessus, Remi, King, Martin, Sorbo, Dario Del et al. (3 more authors) (2019) Author Correction: Relativistic Doppler-boosted γ-rays in High Fields. Scientific Reports. 14777. ISSN 2045-2322

https://doi.org/10.1038/s41598-019-43378-1

Reuse

This article is distributed under the terms of the Creative Commons Attribution (CC BY) licence. This licence allows you to distribute, remix, tweak, and build upon the work, even commercially, as long as you credit the authors for the original work. More information and the full terms of the licence here: https://creativecommons.org/licenses/

Takedown

If you consider content in White Rose Research Online to be in breach of UK law, please notify us by emailing eprints@whiterose.ac.uk including the URL of the record and the reason for the withdrawal request.





OPEN Author Correction: Relativistic Doppler-boosted γ -rays in High **Fields**

Published online: 09 October 2019

Remi Capdessus¹, Martin King¹, Dario Del Sorbo₁₀², Matthew Duff¹, Christopher P. Ridgers² & Paul McKenna 101

Correction to: Scientific Reports https://doi.org/10.1038/s41598-018-27122-9, published online 14 June 2018

This Article contains an error in Equation 3.

$$\Theta = \arctan\!\left(\!\sqrt{\frac{1-\langle\beta\rangle_{t_{\rm break}}^2}{\langle\beta\rangle_{t_{\rm break}}}}\right) \simeq \langle|\theta_{\gamma}|\rangle_{t \geq t_{\rm break}}$$

should read:

$$\Theta = \arctan\Biggl[rac{\sqrt{1-\langleeta
angle^2_{t_{
m break}}}}{\langleeta
angle_{t_{
m break}}}\Biggr] \simeq \langle| heta_{\gamma}|
angle_{t_{
m break}}$$

Open Access This article is licensed under a Creative Commons Attribution 4.0 International License, which permits use, sharing, adaptation, distribution and reproduction in any medium or format, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons license, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons license and your intended use is not permitted by statutory regulation or exceeds the permitted use, you will need to obtain permission directly from the copyright holder. To view a copy of this license, visit http://creativecommons.org/licenses/by/4.0/.

© The Author(s) 2019

¹SUPA Department of Physics, University of Strathclyde, Glasgow, G4 0NG, UK. ²York Plasma Institute, Department of Physics, University of York, YO10 5DQ, UK. Correspondence and requests for materials should be addressed to R.C. (email: remi.capdessus@strath.ac.uk) or P.M. (email: paul.mckenna@strath.ac.uk)