

ERRATA

Publisher's Note: "Ion acceleration in plasmas emerging from a helicon-heated magnetic-mirror device" [Phys. Plasmas 10, 2593 (2003)]

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This article was originally published without a reference to supplemental material deposited with the Electronic Physics Auxiliary Publication Service (EPAPS). AIP apologizes for this error. Reference 22, in all online versions of the article, has been updated to include a link to the supplemental material in EPAPS.

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Erratum: "Transport barriers and edge localized modes-like bursts in a plasma model with turbulent equipartition profiles" [Phys. Plasmas 10, 1075 (2003)]

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The paragraph including Eqs. (9)–(10) on p. 1077 unfortunately contains a number of misprints and it should be replaced by:

Within a local approximation and considering the long wave limit, we obtain

$$c = \frac{5}{3} \omega_B \left(1 - \frac{1}{2} \frac{n'_0 + \omega_B}{n'_0 + T'_0 + \frac{5}{3} \omega_B} \right) \pm \sqrt{\frac{N}{K^2}}, \quad (9)$$

where $K^2 = k_x^2 + k^2$. Thus, we have instability for $N < 0$. This is the "standard" Rayleigh–Taylor instability with the growth rate

$$\gamma = k \sqrt{\frac{|N|}{K^2}}. \quad (10)$$

Furthermore with $\text{Re}(c) \neq 0$ we have propagation in the positive y direction.