

CORRECTION

Open Access



Correction to: Nonlinear wave growth theory of whistler-mode chorus and hiss emissions in the magnetosphere

Yoshiharu Omura* 

Correction to: *Earth Planets Space* (2021) 73:95

<https://doi.org/10.1186/s40623-021-01380-w>

After publication of this article (Omura 2021), it is noticed that there was an error in specifying the plasma-frequency in Fig. 1. It was $\omega_{pe} = 1.4\Omega_e$. The correct Fig. 1 with $\omega_{pe} = 4\Omega_e$ is provided in this Correction.

The original article has also been updated.

Published online: 03 June 2021

Reference

Omura Y (2021) Nonlinear wave growth theory of whistler-mode chorus and hiss emissions in the magnetosphere. *Earth Planets Space* 73:95. <https://doi.org/10.1186/s40623-021-01380-w>

Publisher's Note

Springer Nature remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

The original article can be found online at <https://doi.org/10.1186/s40623-021-01380-w>.

*Correspondence: omura@rish.kyoto-u.ac.jp
Research Institute for Sustainable Humanosphere, Kyoto University, Uji,
Kyoto 611-0011, Japan



© The Author(s) 2021. 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 licence, and indicate if changes were made. The images or other third party material in this article are included in the article's Creative Commons licence, unless indicated otherwise in a credit line to the material. If material is not included in the article's Creative Commons licence 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 licence, visit <http://creativecommons.org/licenses/by/4.0/>.

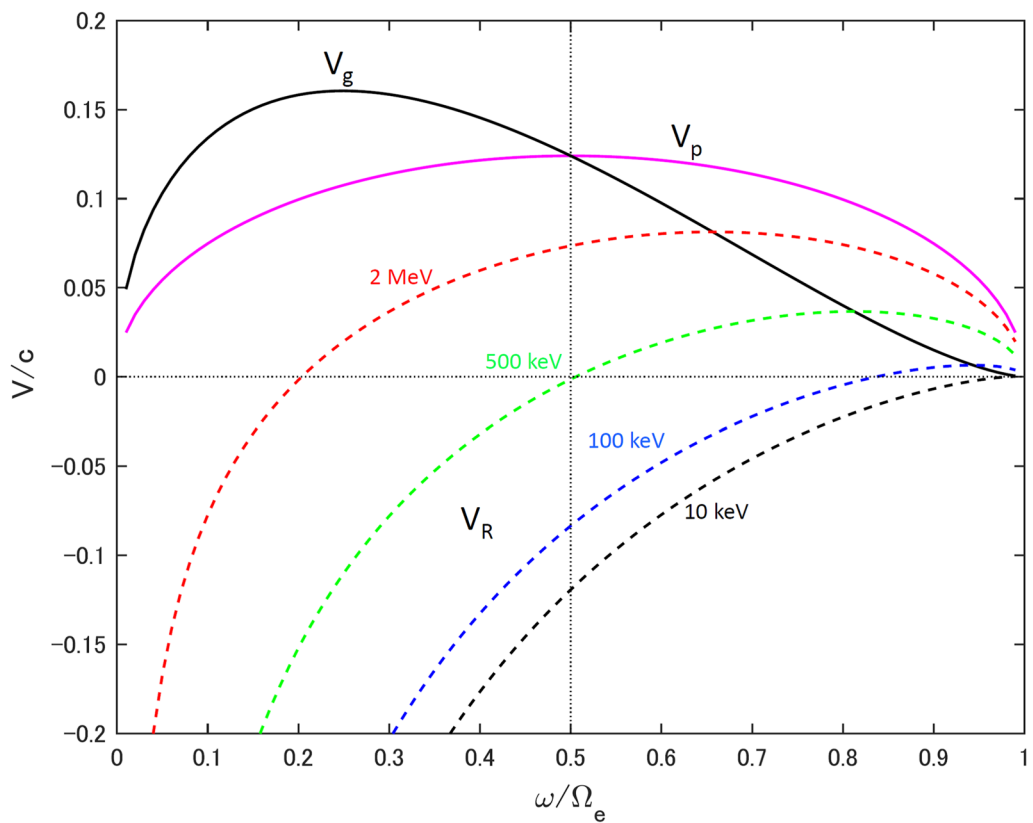


Fig. 1 Variation of V_g , V_p , and V_R . Group velocity V_g in black solid line, phase velocity V_p in magenta, and resonance velocities V_R in dashed line for different energies $K = 10$ keV (black), 100 keV (blue), 500 keV (green), and 2 MeV (red) as functions of frequency ω with the plasma frequency $\omega_{pe} = 4\Omega_e$