






Addendum: Highly-enhanced propagation of long-range kinks in heterogeneous media

Jorge A. González ^a, Alberto Bellorín ^b, Luis E. Guerrero ^c, Salvador Jiménez ^d
 and Juan F. Marín ^{e,*}

^a*Department of Physics, Florida International University,
 Miami, Florida 33199, U.S.A.*

^b*Escuela de Física, Facultad de Ciencias, Universidad Central de Venezuela,
 AP 47586, Caracas 1041-A, Venezuela*

^c*Departamento de Física, Universidad Simón Bolívar,
 Apartado 89000, Caracas 1080-A, Venezuela*

^d*Departamento de Matemática Aplicada a las TIC, ETSI Telecomunicación,
 Universidad Politécnica de Madrid,
 28040-Madrid, Spain*

^e*Departamento de Física, Facultad de Ciencias Naturales, Matemática y del Medio Ambiente,
 Universidad Tecnológica Metropolitana,
 Las Palmeras 3360, Ñuñoa 780-0003, Santiago, Chile*

*E-mail: jorgalbert3047@hotmail.com, alberto.bellorin@ucv.ve,
lguerre@usb.ve, s.jimenez@upm.es, j.marinm@utem.cl*

ADDENDUM TO: [JHEP10\(2024\)042](#)

ARXIV EPRINT: [2401.06700](#)

Equations (2.5) and (2.6) in our original article [1] should read:

$$\frac{\partial^2 \phi}{\partial t^2} + b \frac{\partial \phi}{\partial t} - \frac{\partial^2 \phi}{\partial x^2} + \frac{1}{2} \phi (\phi^2 - 1)^{2n-1} = F(x), \quad (1)$$

and

$$\frac{\partial^2 \phi}{\partial t^2} + b \frac{\partial \phi}{\partial t} - \frac{\partial^2 \phi}{\partial x^2} + 2 \sin^{2n-1} \left(\frac{\phi}{2} \right) \cos \left(\frac{\phi}{2} \right) = F(x), \quad (2)$$

respectively. Fortunately, this was merely a typographical error and does not impact any of the results presented in our original article.

*Corresponding author.

Data Availability Statement. This article has no associated data or the data will not be deposited.

Code Availability Statement. This article has no associated code or the code will not be deposited.

Open Access. This article is distributed under the terms of the Creative Commons Attribution License ([CC-BY4.0](https://creativecommons.org/licenses/by/4.0/)), which permits any use, distribution and reproduction in any medium, provided the original author(s) and source are credited.

References

- [1] J.A. González et al., *Highly-enhanced propagation of long-range kinks in heterogeneous media*, *JHEP* **10** (2024) 042 [[arXiv:2401.06700](https://arxiv.org/abs/2401.06700)] [[INSPIRE](https://inspirehep.net/literature/2401067)].