

**Erratum: Vertical chaos and horizontal diffusion in the bouncing-ball billiard
[Phys. Rev. E **75**, 046214 (2007)]**

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(Received 7 September 2007; published 28 September 2007)

DOI: [10.1103/PhysRevE.76.039905](https://doi.org/10.1103/PhysRevE.76.039905)

PACS number(s): 05.45.-a, 99.10.Cd

The authors regret that a reference was lost. In the first paragraph of Sec. II, a reference should have been added to the work of L. Mátyás and R. Klages.

Consider a particle that is bouncing, elastically or inelastically, on a vibrating surface, while subject to a gravitational field. If the surface is at least one dimensional and has a translational symmetry perpendicular to the gravitational field, the system is referred to as a bouncing-ball billiard. This model was first introduced by Mátyás and Klages in Ref. [21].

[21] L. Mátyás and R. Klages, *Physica D* **187**, 165 (2004).