**Erratum: Coherent synchrotron radiation free longitudinal bunch shaping
using transverse deflecting cavities
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Gwanghui Ha , John G. Power, Jiahang Shao, Manoel Conde, and Chunguang Jing

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In this paper, we have written, “This shaping concept was inspired by our earlier work on gigahertz laser-free time-resolved transmission electron microscopy [12] and a similar concept proposed in Ref. [13].” This sentence may lead to the misconception that the concept was introduced for the first time by those references. Although the work in this paper was inspired by those references, the concept of using transverse deflecting cavities was introduced much earlier by E. Kur *et al.*, [1] to manage beams longitudinal tails for a higher x-ray quality.

In Eq. (1), the transfer matrix’s (6,5) element should be $[(1 + 2N^2)L_c]/(12N^2)\kappa^2$ instead of $(12N^2L_c)/[(1 + 2N^2)]\kappa^2$. This does not affect any of the following equations and results.

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- [1] E. Kur, G. Penn, J. Qiang, M. Venturini, R. Wells, and A. Zholents, Accelerator design study for a soft x-ray free electron laser at the Lawrence Berkeley National Laboratory, Report No. LBNL-2670E, 2009.