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## Erratum: Phase-space factors and half-life predictions for Majoron-emitting $\beta^-\beta^-$ decay [Phys. Rev. C **91**, 064310 (2015)]

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It has come to our attention that there is an error of a factor of  $10^{-1}$  in the extracted upper limits on the Majoron coupling constant  $\langle g_{ee}^M \rangle$  in Table III. The correct values are listed in the following Table I.

This error also affects the conclusions concerning the limits on the effective Majoron-neutrino coupling constant  $\langle g_{ee}^M \rangle$ . At the moment the best limits are coming from  $^{136}\text{Xe}$  experiments reaching the order of magnitude of  $10^{-6}$ .

TABLE I. Upper limits on Majoron coupling constant  $\langle g_{ee}^M \rangle$  from current experimental limits.

Decay	$\langle g_{ee}^M \rangle$
$^{48}\text{Ca} \rightarrow ^{48}\text{Ti}$	$<3.4 \times 10^{-4}$
$^{76}\text{Ge} \rightarrow ^{76}\text{Se}$	$<7.9 \times 10^{-5}$
$^{82}\text{Se} \rightarrow ^{82}\text{Kr}$	$<7.2 \times 10^{-5}$
$^{96}\text{Zr} \rightarrow ^{96}\text{Mo}$	$<1.7 \times 10^{-4}$
$^{100}\text{Mo} \rightarrow ^{100}\text{Ru}$	$<3.0 \times 10^{-5}$
$^{116}\text{Cd} \rightarrow ^{116}\text{Sn}$	$<9.4 \times 10^{-5}$
$^{128}\text{Te} \rightarrow ^{128}\text{Xe}$	$<6.2 \times 10^{-5}$
$^{130}\text{Te} \rightarrow ^{130}\text{Xe}$	$<6.5 \times 10^{-5}$
$^{136}\text{Xe} \rightarrow ^{136}\text{Ba}$	$<6.2 \times 10^{-6}$
	$<9.2 \times 10^{-6}$
$^{150}\text{Nd} \rightarrow ^{150}\text{Sm}$	$<1.1 \times 10^{-4}$