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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}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}Ca $\rightarrow$ ^{48}Ti	$<3.4\times10^{-4}$
^{76}Ge $\rightarrow$ ^{76}Se	$<7.9\times10^{-5}$
^{82}Se $\rightarrow$ ^{82}Kr	$<7.2\times10^{-5}$
^{96}Zr $\rightarrow$ ^{96}Mo	$<1.7\times10^{-4}$
^{100}Mo $\rightarrow$ ^{100}Ru	$<3.0\times10^{-5}$
^{116}Cd $\rightarrow$ ^{116}Sn	$<9.4\times10^{-5}$
^{128}Te $\rightarrow$ ^{128}Xe	$<6.2\times10^{-5}$
^{130}Te $\rightarrow$ ^{130}Xe	$<6.5\times10^{-5}$
^{136}Xe $\rightarrow$ ^{136}Ba	$<6.2\times10^{-6}$
	$<9.2\times10^{-6}$
^{150}Nd $\rightarrow$ ^{150}Sm	$<1.1\times10^{-4}$

