Erratum: Bounds on the speed of sound in dense matter, and neutron star structure [Phys. Rev. C **95**, 045801 (2017)]

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We have noticed three typographical errors in the original paper. In the third line on the right-hand side of Eq. (3), $\mathcal{E}_c$ should be replaced by $\mathcal{E}_0$. Now, the correct Eq. (3) should read

$$P(\mathcal{E}) = \begin{cases} P_{\text{crust}}(\mathcal{E}), & \mathcal{E} \leq \mathcal{E}_{\text{c-edge}}, \\ P_{\text{NM}}(\mathcal{E}), & \mathcal{E}_{\text{c-edge}} \leq \mathcal{E} \leq \mathcal{E}_0, \\ \left(\frac{v_s}{c}\right)^2 (\mathcal{E} - \mathcal{E}_0) + P_{\text{NM}}(\mathcal{E}_0), & \mathcal{E}_0 \leq \mathcal{E}. \end{cases} \quad (3)$$

On the right-hand side of Eq. (20), λ must be replaced by $-\lambda$. Now, the correct Eq. (20) should read

$$Q_{ij} = -k_2 \frac{2R^5}{3G} E_{ij} \equiv -\lambda E_{ij}. \quad (20)$$

In Fig. 4 the label n/n_0 for the horizontal axis must be replaced by n_0/n_s .

The errors were in the presentation and not in the calculations, so the results (including the figures and conclusions) are not changed.