Erratum: Dynamics of the inner crust of neutron stars: Hydrodynamics, elasticity, and collective modes [Phys. Rev. C **87**, 055803 (2013)]

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Due to a coding error, the numerical results for the thermodynamic derivatives and mode velocities are incorrect. The corrected results may be found in Ref. [1].

We also take this opportunity to correct some typos.
The last term in the sum in Eq. (31) should read $E_{nn}n_n^k n_n^l$.
Equation (38) should be

$$v_{np}^4 - v_n^2 v_p^2 = -n_p^2 (n_n^s)^2 (E_{nn} [E_{pp} + 4S/3n_p^2] - E_{np}^2) / (\rho^s \rho^n).$$

Equation (44) should be

$$\partial \tilde{\mu} / \partial Y_e = \partial \hat{\mu} / \partial Y_e - \partial \mu_e / \partial Y_e = (1/n) \partial^2 E / \partial Y_e^2.$$

[1] D. Kobyakov and C. J. Pethick, [Phys. Rev. C **94**, 055806 \(2016\)](#).