

CORRECTION

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# Correction: Intersections of ultracold atomic polarons and nuclear clusters: how is a chart of nuclides modified in dilute neutron matter?

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**Correction:** AAPPS Bull. 34, 9 (2024)  
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The original publication of this article [1] contained an incorrect equation 22. The incorrect and correct information is shown in this correction article, this change does not impact the results & conclusions. The original publication has been updated.

## Incorrect equation 22

$$S(\rho) = -\frac{1}{4}E_p + O(Y_p),$$

## Correct equation 22

$$S(\rho) = \frac{\mu_n - E_p}{4} + O(Y_p^{2/3})$$

where  $\mu_n = \frac{\partial E_{\text{PNM}}}{\partial \rho_n}$  is the neutron chemical potential in pure neutron matter.

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## Reference

1. H. Tajima, H. Moriya, W. Horiuchi et al., Intersections of ultracold atomic polarons and nuclear clusters: how is a chart of nuclides modified in dilute neutron matter? AAPPS Bull. 34, 9 (2024). <https://doi.org/10.1007/s43673-024-00117-7>

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