

Erratum: ϕNN , $J/\psi NN$, $\eta_c NN$ systems based on HAL QCD interactions [Phys. Rev. D **111**, 114004 (2025)]

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There is a correction in the last two columns of Table VI in our paper, which presents results from Ref. [1] for comparison. The original and corrected values are summarized in Table I here. This error stems from a misunderstanding of the notation used in Ref. [1]. The correction does not affect the calculations or conclusions presented in our paper.

TABLE I. Erratum for the citation of Ref. [1] in our article. Values highlighted in boldface indicate corrected data, replacing previously misquoted values. Original values are omitted for clarity.

$I(J^P)$	Model A				Model B				Ref. [1]	
	2-body thresh.	E_B [MeV]	r_{NN}^{rms} [fm]	$r_{\phi N}^{\text{rms}}$ [fm]	2-body thresh.	E_B [MeV]	r_{NN}^{rms} [fm]	$r_{\phi N}^{\text{rms}}$ [fm]	2-body thresh.	E_B [MeV]
$0(0^-)$	$\tilde{N}N, d\phi$	34.0(52.4 ^a)	1.55	1.26	$d\phi$	0.95(3.35)	3.10	4.87	$\tilde{N}N, d\phi$	36.5(64.2)
$0(1^-)$	$\tilde{N}N, d\phi$	15.2(33.6)	1.81	1.58	$d\phi$	0.52(2.93)	3.28	6.21	$d\phi$	12.7(14.9)
$1(1^-)$	$\tilde{N}N$	...	...	...	...	...	...	...	...	...(5.47)
$0(2^-)$	$d\phi$	0.04(2.45)	3.68	17.9	$d\phi$	0.04(2.45)	3.68	17.9	$d\phi$	...(.)

^aIt was communicated to us by the authors of Ref. [1] that, when using the same parameters as in our work (including the same unphysical value), they obtained a binding energy of 52.5 MeV for the $\phi NN0(0^-)$ state, which agrees well with our result in Table I.

We are grateful to the authors of Ref. [1] for carefully reading our paper and providing the valuable corrections.

[1] I. Filikhin, R. Y. Kezerashvili, and B. Vlahovic, Possible $H\phi 3$ hypernucleus with the HAL QCD interaction, *Phys. Rev. D* **110**, L031502 (2024).