

ERRATUM

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Erratum to: Benchmark Calculation of Radial Expectation Value $\langle r^{-2} \rangle$ for Confined Hydrogen-Like Atoms and Isotropic Harmonic Oscillators

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Unfortunately, the original publication was published with incorrect table head in Table 6 and the same is corrected in this erratum. The original article was corrected.

The correct Table 6 is:

The online version of the original article can be found under doi:[10.1007/s00601-017-1314-2](https://doi.org/10.1007/s00601-017-1314-2).

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Table 6 Radial expectation values $\langle r^{-2} \rangle$ for confined harmonic oscillator in $0s$, $0p$; $2s$, $2p$; and $5s$, $5p$ states at some selected values of r_c

r_c	$0s$	$2s$	$5s$
0.1	891.05204750152	2861.4266979327	5821.902221547
0.5	35.670362700496	114.45939274898	232.8766145818
	35.6703626921 ^a	114.4593926675 ^a	
	35.6695209717 ^b		193.3798572264 ^b
	35.669782840 ^c		
1	9.0241006963499	28.623515589589	58.22111846992
	9.0241006941 ^a	28.6235155711 ^a	
	9.0239897183 ^c		
3	2.0244173268593	3.2367117652603	6.480072637526
	2.0244173259 ^a	3.2367117630 ^a	
	2.0243542944 ^b		5.3868854345 ^b
5	2.000000230394	2.0003673930640	2.299800311571
	2.000000216 ^a	2.0003673908 ^a	
∞	2.0000000000000	2.0000000000000	2.0000000000000
r_c	$0p$	$2p$	$5p$
0.1	389.958149018056	1050.78770190842	2038.21828528145
0.5	15.6045790516265	42.0327526792452	81.5291077187369
	15.6045790517 ^a		
	15.6045790509 ^b		68.3667050944 ^b
	15.604579050 ^c		
1	3.92471128357137	10.5128454279850	20.3836874135663
	3.9247112835 ^a		
	3.9247112833 ^c		
3	0.69471075668615	1.20148339829338	2.27596754198848
	0.6947107566 ^a		
5	0.66666676284052	0.66722891628308	0.81543062209891
	0.6666667627 ^a		
∞	0.66666666666667	0.66666666666667	0.66666666666667

^a Aquino [18]^b Sen and Roy [25]^c Roy [26]