Erratum: “New exact analytical results for two quasiparticle excitation in the fractional quantum Hall effect” [Condens. Matter Phys., 2019, 22, No 2, 23703: 1–9, doi:10.5488/CMP.22.23703]

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A forgotten reordering type error in coding the two-quasiparticle CF wave function of equation (5.3) leads to insignificant errors for the found results of order ($\sim 10^{-5}$), the corrected results of table 5 are as follows:

Table 5. The two quasiparticle excitation energies (in units of e^2/l_0) are given for the CF-wavefunction at the filling $\nu = \frac{1}{3}$ for systems with up to $N = 7$ electrons.

N	$\bar{\varepsilon}_{bb}$	$\bar{\varepsilon}_{2ebCF}^{qp}$	$\bar{\varepsilon}_{2ecCF}^{qp}$	$\bar{\varepsilon}_{2CF}^{qp}(S_0)$	$\varepsilon(S_0)$	ε_{2CF}^-
4	0.693064	-1.439563	0.421445	-0.182232	-0.388855	0.206623
5	0.774869	-1.602266	0.486072	-0.214759	-0.390255	0.175496
6	0.848826	-1.748533	0.548659	-0.236691	-0.391517	0.154826
7	0.916837	-1.882486	0.609371	-0.251488	-0.392624	0.141136

It should be emphasized that these insignificant errors have no impact on the subsequent analysis made in this paper.

Erratum: “Нові точні аналітичні результати для збудження двох квазічастинок при дробовому квантовому ефекті Гола” [Condens. Matter Phys., 2019, 22, No 2, 23703: 1–9, doi:10.5488/CMP.22.23703]

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