

Erratum: Quantum Dynamics of Pseudospin Solitons in Double-Layer Quantum Hall Systems [Phys. Rev. Lett. 83, 1411 (1999)]

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The expressions, correct to Hartree-Fock order, for the pseudospin stiffness ρ and tunneling amplitude t are given by $\rho = \rho_0$ and $t = t_0$. Consequently, the right-hand side of Eqs. (4) and (5) of our Letter should be multiplied by $1/2$. Some of the entries in Table I are also affected and more representative values are given below. The conclusions and all other results remain unaffected.

TABLE I. Tunneling rate Γ , crossover temperature T_C , and attempt frequency ω_0 for several gate widths w_1 , gate separations $2x_0$, and sample sizes L_y , assuming negligible dissipation (see text). All entries have $w_2 = 400$ nm, $V_1 = -0.75$ meV, and $V_2 = -1.00$ meV, except for the final entry, which also has $V_1 = -1.00$ meV (and the same V_2 and w_2 as the other entries).

L_y [μm]	w_1 [nm]	$2x_0$ [nm]	ω_0 [GHz]	S_0	Γ [KHz]	T_C [mK]
0.6	100	100	26	17.0	0.5	106
1.0	100	50	25	14.7	5	188
2.5	50	25	132	15.8	63	260
2.5	20	20	317	9.4	302	327