

**Erratum: Performance of deterministic dynamical decoupling schemes:
Concatenated and periodic pulse sequences
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Unfortunately, a few minor mistakes appear in our paper. We provide corrections to these mistakes here.

Section IVC1: In the second paragraph: “PDD dramatically outperforms CDD” should be changed to “CDD dramatically outperforms PDD.”

Section IVC3: Equation (55) for $h^{(n_f)}$ should be changed to

$$h^{(n_f)} = \xi^{n_f^2} [\tau_0 \max(\beta', \beta)]^{n_f J} \quad \text{for } n_f > 2, \quad (55)$$

and in the next line “ $c=O(1)$ ” should be changed to “ $\xi=O(1)$.”

Section VI: The entry in Table I, column 3, row 3 should be changed to

$$[N^{1/2} y (JT/N)^2]^{\log_4 N}$$

and the following should be added at the end of the table caption: “ y is of $O(1)$.”

With all these corrections in place, the conclusions of the paper are unchanged.