

**Erratum: (Super) oscillator on  $CP^N$  and a constant magnetic field**  
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On page 2, first column, fourth paragraph, the third sentence should read “The coupling to a constant magnetic field preserves all symmetries of the oscillator, including kinematical and hidden ones, when  $N > 1$ , but kinematical symmetries only, when  $N = 1$ .” rather than “The coupling to a constant magnetic field preserves the kinematical ...”

On page 3, second column, the first line should read

$$ii) \text{ for any value of } B, \quad N = 1, 2 \dots, \quad U(x) = c_1 x + c_0,$$

rather than

$$ii) \quad B = 0, \quad N = 1, 2 \dots, \quad U(x) = c_1 x + c_0,$$

On page 4, first column, third paragraph, the third sentence should read “The constant magnetic field preserves the hidden symmetries of the oscillator on  $CP^N$ , for  $N > 1$ .” rather than “The constant magnetic field removes ...”