

Correction to "Comment on 'New Generalization of Supersymmetric Quantum Mechanics to Arbitrary Dimensionality or Number of Distinguishable Particles" [The Journal of Physical Chemistry A 2011, 115, 948–949. DOI: 10.1021/jp110681x]. Vladimir A. Mandelshtam

Due to a production error, eq 11 was incorrectly published. The correct version is

$$H_1 = \vec{Q}_1^{\dagger} \cdot \vec{Q}_1 \tag{11}$$

Also the double-dotted equal sign in eqs 3, 9, 12, 17 and 18 should be ":=", giving

$$Q_k := \frac{\mathrm{d}}{\mathrm{d}x} - \frac{\mathrm{d}}{\mathrm{d}x} \ln(\Psi_0^{(k)}) \tag{3}$$

$$Q_{1i} := \partial_i - \partial_i \ln(\Psi_0^{(1)}) \tag{9}$$

$$\overline{H}_2 := \vec{Q}_1 \otimes \vec{Q}_1^{\dagger} \tag{12}$$

$$\bar{H}_2 := \vec{Q}_2^{\dagger} \otimes \vec{Q}_2 + E_0^{(2)}$$
(17)

$$H_3 := \vec{Q}_2 \cdot \vec{Q}_2^{\dagger} \tag{18}$$

DOI: 10.1021/jp2015098 Published on Web 03/03/2011