ERRATA

A HOLOMORPHIC REPRESENTATION OF THE JACOBI ALGEBRA

[Reviews in Mathematical Physics, Vol. 18, No. 2 (2006) 163–199]

STEFAN BERCEANU

*National Institute for Physics and Nuclear Engineering,
 Department of Theoretical Physics,
 PO Box MG-6, Bucharest-Magurele, Romania
 Berceanu@theory.nipne.ro*

Received 13 October 2012
 Published 1 November 2012

On p. 177, Eq. (6.11) should read

$$\tilde{A} = \begin{pmatrix} A \\ \bar{A} \end{pmatrix}; \quad \mathcal{D} = \mathcal{D}(z) = \begin{pmatrix} M & N \\ P & Q \end{pmatrix}. \quad (6.11)$$

On p. 182, Eq. (6.44) should read

$$\lambda = (\bar{a} + \bar{b}w)^{-2k} \exp\left(\frac{z}{2}\bar{\alpha}_0 - \frac{z_1}{2}\bar{\alpha}_2\right) \exp i\theta_h(\alpha_1, \alpha_0). \quad (6.44)$$

On p. 184, the equation of $(\phi, \psi)_{\mathcal{H}^*}$ after Eq. (7.3) should read

$$(\phi, \psi)_{\mathcal{H}^*} = (f_\phi, f_\psi)_{\mathcal{F}_{\mathcal{H}}} = \frac{1}{\pi} \int \bar{f}_\phi(z) f_\psi(z) e^{-|z|^2} d\Re z d\Im z.$$

On p. 185, the second equation for $e_{z,w}$ should read

$$e_{z,w} = \sum_n \frac{i^{-n}}{(n!)^{1/2}} |n\rangle \left(\frac{w}{2}\right)^{\frac{n}{2}} H_n\left(\frac{iz}{\sqrt{2w}}\right) \sum_m \frac{w^m}{m! a_{k'm}} e_{k',k'+m}.$$

On p. 185, the polynomial P_5 in Eq. (7.12) should be

$$P_5 = z^5 + 10z^3w + 15zw^2.$$

On p. 187, the expression of $f_{w\bar{w}}$ has the value

$$f_{w\bar{w}} = \frac{A''}{2(1-w\bar{w})^4} + \frac{2k}{(1-w\bar{w})^2}.$$

On p. 189, Eqs. (8.6) should read

$$i\dot{z} = \epsilon_a + \frac{\epsilon_0}{2}z + \bar{\epsilon}_a w + \epsilon_+ z w, \quad (8.6a)$$

$$i\dot{w} = \epsilon_- + \epsilon_0 w + \epsilon_+ w^2. \quad (8.6b)$$