



ERRATUM

Erratum: Off-shell nilpotent (anti-)BRST symmetries for a free particle system on a toric geometry: Superfield formalism

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Erratum: Off-shell nilpotent (anti-)BRST symmetries for a free particle system on a toric geometry: Superfield formalism

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After publication, the author realized that an error is present in eq. (18). In fact, the last term “ $-\lambda(r - \xi - a)$ ” in eq. (18) should be “ $+\lambda(r - \xi - a)$ ”.

Thus, the correct equation (18) should read as

$$L_f = \dot{r}p_r + \dot{\theta}p_\theta + \dot{\phi}p_\phi + \dot{\xi}p_\xi - \frac{(p_r + p_\xi)^2}{2} - \frac{p_\theta^2}{2(r - \xi)^2} - \frac{p_\phi^2}{2[l + (r - \xi) \sin \theta]^2} + \lambda(r - \xi - a). \quad (18)$$

After this correction, the other results and conclusions remain unaffected.

I sincerely apologize to the readers for the unpleasant inconvenience.

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