

**Erratum: Towers of baryons of the $\mathcal{N}=2$ quark model band
in the large N_c limit
[Phys. Rev. D 98, 034019 (2018)]**

C. T. Willemyns and N. N. Scoccola



(Received 5 November 2018; published 11 March 2019)

DOI: 10.1103/PhysRevD.99.059903

Equation (16) should be replaced by the following:

$$\begin{aligned}
 A \equiv (N_c - 3, 0, 1, 0, \dots, 0) = & \bigoplus_{n=0}^{(N_c-5)/2} \left[n + \frac{3}{2}, \left(2n + 1, \frac{1}{2}(N_c - 1) - n, 0, 0, 0, \dots, 0 \right) \right] \\
 & \bigoplus_{n=0}^{(N_c-7)/2} \left[n + \frac{1}{2}, \left(2n + 1, \frac{1}{2}(N_c - 7) - n, 2, 0, 0, \dots, 0 \right) \right] \\
 & \bigoplus_{n=0}^{(N_c-5)/2} 2 \left[n + \frac{1}{2}, \left(2n + 2, \frac{1}{2}(N_c - 5) - n, 1, 0, \dots, 0 \right) \right] \\
 & \bigoplus_{n=0}^{(N_c-5)/2} \left[n + \frac{1}{2}, \left(2n + 3, \frac{1}{2}(N_c - 3) - n, 0, 0, \dots, 0 \right) \right] \\
 & \bigoplus_{n=0}^{(N_c-3)/2} \left[n + \frac{1}{2}, \left(2n + 1, \frac{1}{2}(N_c - 1) - n, 0, 0, \dots, 0 \right) \right] \\
 & \bigoplus_{n=0}^{(N_c-7)/2} \left[n + \frac{1}{2}, \left(2n + 4, \frac{1}{2}(N_c - 7) - n, 1, 0, \dots, 0 \right) \right] \\
 & \bigoplus_{n=0}^{(N_c-5)/2} \left[n + \frac{3}{2}, \left(2n + 2, \frac{1}{2}(N_c - 5) - n, 1, 0, \dots, 0 \right) \right] \\
 & \bigoplus_{n=0}^{(N_c-5)/2} \left[n + \frac{1}{2}, \left(2n, \frac{1}{2}(N_c - 3) - n, 1, 0, \dots, 0 \right) \right] \\
 & \bigoplus_{n=0}^{(N_c-3)/2} \left[n + \frac{3}{2}, \left(2n, \frac{1}{2}(N_c - 3) - n, 1, 0, \dots, 0 \right) \right]. \tag{16}
 \end{aligned}$$

Equation (20) should be replaced by the following:

$$\begin{aligned}
 MS_{\text{core}} \equiv (N_c - 3, 1, 0, 0, \dots, 0) = & \bigoplus_{n=0}^{(N_c-3)/2} \left[n, \left(2n + 2, \frac{1}{2}(N_c - 3) - n, 0, 0, 0, \dots, 0 \right) \right] \\
 & \bigoplus_{n=0}^{(N_c-5)/2} \left[n + 1, \left(2n + 2, \frac{1}{2}(N_c - 3) - n, 0, 0, 0, \dots, 0 \right) \right] \\
 & \bigoplus_{n=0}^{(N_c-3)/2} \left[n + 1, \left(2n, \frac{1}{2}(N_c - 1) - n, 0, 0, \dots, 0 \right) \right] \\
 & \bigoplus_{n=0}^{(N_c-5)/2} \left[n, \left(2n + 1, \frac{1}{2}(N_c - 5) - n, 1, 0, \dots, 0 \right) \right] \\
 & \bigoplus_{n=0}^{(N_c-5)/2} \left[n + 1, \left(2n + 1, \frac{1}{2}(N_c - 5) - n, 1, 0, \dots, 0 \right) \right]. \tag{20}
 \end{aligned}$$

None of the results reported in the paper are affected by these typographical errors.

We thank Prof. Fl. Stancu for pointing out these typos.