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Corrigendum

Corrigendum to "Crystal $B(\lambda)$ as a subset of crystal $B(\infty)$ expressed as tableaux for A_n type" [J. Algebra 400 (2014) 142–160]



ALGEBRA

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Article history: Received 27 November 2014 Available online 15 January 2015 Communicated by Masaki Kashiwara ABSTRACT

We make corrections to certain comments concerning related works that appeared in the paper given by the above title. © 2015 Elsevier Inc. All rights reserved.

The two sentences spanning the lines 38, 39, and 40 of page 143, contained in the introduction section, present information which is somewhat problematic. This error is due to misunderstandings of the author and the sentences should be replaced by the following.

The works [C1,C2,C3,C4] provide various descriptions of $B(\infty)$ and the *-crystal structures on them in an explicit manner. The matrix form descriptions given in [C3,C4] are essentially identical to the marginally large tableau description [3] of $B(\infty)$. Various isomorphisms among the descriptions of [C1,C2,C3,C4] and [3] can be found in [C4,C5]. Since $B(\lambda)$ has been realized [8,16] as a sub-crystal of $B(\infty) \otimes \mathsf{T}_{\lambda}$ in terms of the ε_i^* values, it is possible to obtain descriptions of $B(\lambda)$ corresponding to the results of [C1,C2,C3,C4]. The isomorphisms of [C4,C5] may then be used to

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translate these into a description of $B(\lambda)$ concerning marginally large tableaux. This is how the results of our current paper may be obtained through a different approach.

The author thanks Professor Y. Saito sincerely for providing valuable information concerning this matter.

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