

A necessary and sufficient region to express a crystal-structure type uniquely as a point in a high-dimensional space

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1990 J. Phys. A: Math. Gen. 23 2243

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CORRIGENDA

A necessary and sufficient region to express a crystal-structure type uniquely as a point in a high-dimensional space

M Hosoya 1986 *J. Phys. A: Math. Gen.* **19** 1801-1810

The method for constructing a fundamental region has a disadvantage and therefore the region obtained was also wrong. The final results (inequalities (22)-(29)) should be replaced by the following set.

$$\begin{array}{lll} A - E - F \geq 0 & B - D - F \geq 0 & C - D - E \geq 0 \\ -D + E \geq 0 & -E + F \geq 0 & 2D - E \geq 0. \end{array}$$

The correctness of the new region was proved by ascertaining its one-to-one correspondence with that specified by the traditional reduced cell of the Bravais lattice. Further details will be shown in [1].

Reference

[1] Hosoya M 1990 *Bull. Coll. Sci. Univ. Ryukyu* **50** in press

Surface energy of integrable quantum spin chains

M T Batchelor and C J Hamer 1990 *J. Phys. A: Math. Gen.* **23** 761-71

References [29] and [31] should be corrected and reference [34] should be added to the list on page 771, as follows:

[29] Batchelor M T, Mezincescu L, Nepomechie R I and Rittenberg V 1990 *J. Phys. A: Math. Gen.* **23** L141

[31] Klümper A 1989 *Europhys. Lett.* **9** 815

[34] Klümper A 1990 *J. Phys. A: Math. Gen.* **23** 809