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CORRECTION



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Correction: Aluminal speciation in the crystal nucleus: a mass spectral interpretation

Correction for 'Aluminal speciation in the crystal nucleus: a mass spectral interpretation' by Alan Stewart Hare, RSC Adv., 2016, 6, 86540-86559

The author wishes to amend errors in content and formatting in the original article to correct potentially misleading statements. The following alterations should be made to the original article:

Page 86542, Table 1: On the 'Keggin cage' line, 'rD' should be changed to ' ρ D'.

Page 86544, Fig. 2 caption: In the G(x) equation, below the summation symbol \sum , the lower limit of the summation 'i = x + 1' is incorrect, and should be amended to 'i = 1'.

Page 86545, Table 2: In the row below the 'N-dimensional species' line, in the p column, 'a(n-1)' should be ' $\alpha(n-1)$ '. Specifically, the italicised letter 'a' should be revised to an italicised Greek letter alpha.

Page 86548, Section 2.6.7.3: In the second paragraph, third sentence, in the subscript following '(OH)' in the formula, $(x - 1)^2$ ' should be $(x-1)^2$.

Page 86549, Table 3: In the row below the 'Penrose in 3-d' line, in the q column, 3pII should be 3pI.

Page 86550, Section 2.6.7.5: In the sentence beginning 'Summing squares', in the equation, (2/3)x - 1' should be (2/3)(x - 1)'. Page 86554, Section 2.6.8.7: In the binomial expansion, within the second pair of square brackets, the first two components of the first term should be bracketed together; so that $(\Phi_{n+1}^2 + \Phi_n^2)$ becomes $((\Phi_{n+1}^2 + \Phi_n^2))$. The corrected binomial expansion is presented below:

$$\left[\sum_{k=0}^{x-2} {}^{x-2}C_k \big(\Phi_{n+1}{}^2 + \Phi_n{}^2 \big)^k \big(\Phi_n (\Phi_{n+1} + \Phi_{n-1}) \big)^{x-k-2} \right] \Big[\big(\Phi_{n+1}{}^2 + \Phi_n{}^2 \big) \big| G_{V_1}(2) \big\rangle + \Phi_n (\Phi_{n+1} + \Phi_{n-1}) \big| G_{V_2}(2) \big\rangle \Big],$$

Page 86557, Section 3: In the paragraph beginning 'Or dimer could react', 9H₂O should be 13H₂O.

The Royal Society of Chemistry apologises for these errors and any consequent inconvenience to authors and readers.

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