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

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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 'ρD'.

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,  $3\rho\text{II}$  should be  $3\rho\text{I}$ .

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:

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

Page 86557, Section 3: In the paragraph beginning 'Or dimer could react',  $9\text{H}_2\text{O}$  should be  $13\text{H}_2\text{O}$ .

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

