an isolated AB_6 complex with symmetry $\bar{6}2m$ has its electrostatic optimum [$\mu = 51.6 (1)^{\circ}$].

The maximum α value of the structure type under consideration is not only definitely smaller than that of the NaCl type ($\alpha=1.7476$), but also slightly smaller than the maximum value for the NiAs type, i.e. $\alpha=1.733$ (1) as derived from the values given by Zemann (1958). It is, therefore, no surprise that the AB structure type with mutual trigonal prismatic coordination has no representatives among ionic structures.

I thank Dr R. Fischer for technical help with the computation of the Madelung numbers.

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Acta Cryst. (1991). A47, 852

Quasiperiodic tilings with low-order rotational symmetry. Erratum. By D. S. CLARK and E. R. SURYANARAYAN, Department of Mathematics, University of Rhode Island, Kingston, RI 02881, USA

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Abstract

Figs. 10(a), (b) of the paper by Clark & Suryanarayan [Acta Cryst. (1991), A47, 498-502] reproduced poorly. Revised figures with better contrast are here published.

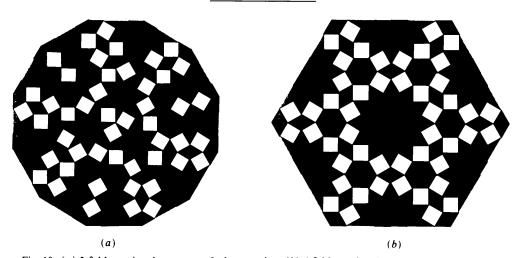


Fig. 10. (a) 3-fold rotational symmetry, 2nd generation. (b) 6-fold rotational symmetry, 2nd generation.

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