

Fig. 2. The structure of $\text{Bi}_6\text{O}_7\text{FCl}_3$ projected along y . The coordination polyhedra of Bi, described as square pyramids and octahedra, are connected in infinite zigzag layers parallel to $[010]$. The Cl ions form trigonal-prismatic columns running along $[010]$. The polyhedra drawn in heavy and thin lines are $b/2$ apart.

structure and are parallel to y . Between them are trigonal-prismatic columns of formula $(\text{Cl}_3^-)_{\infty}$. These 'vacancies' are marked by dotted lines in Fig. 1, and the parent structure has the composition $\text{Bi}_6\text{X}_{7+0.5}\text{Cl}_3$.

It is clear that the number of single blocks upon which the twin operation acts varies with the composition. The intensities from $\text{Bi}_6\text{O}_7\text{FCl}_3$ and $\text{Bi}_{12}\text{O}_{15}\text{Cl}_6$ indicate a small variation in their composition.

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References

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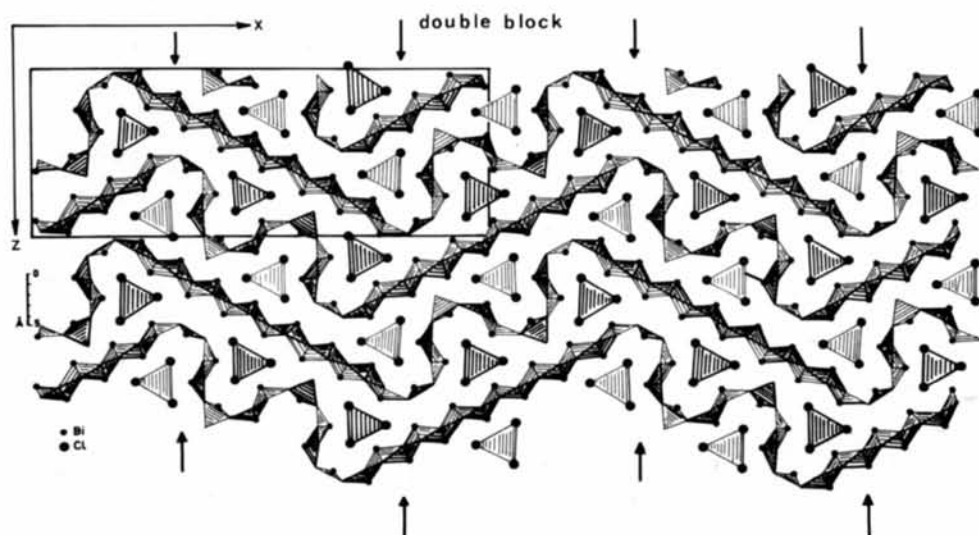


Fig. 3. The structure of $\text{Bi}_{12}\text{O}_{15}\text{Cl}_6$ projected along y . The coordination polyhedra of Bi, described as square pyramids and octahedra, are connected in infinite zigzag layers parallel to $[010]$. The Cl ions form trigonal-prismatic columns running along $[010]$. The polyhedra drawn in heavy and thin lines are $b/2$ apart.

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Deposition of Tables of Anisotropic Thermal Parameters

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Two copies of the tables will be required. They should be in typescript, and not reduced photographically. They should be headed descriptively on the first page, with column headings recurring on each page, and pages should be

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