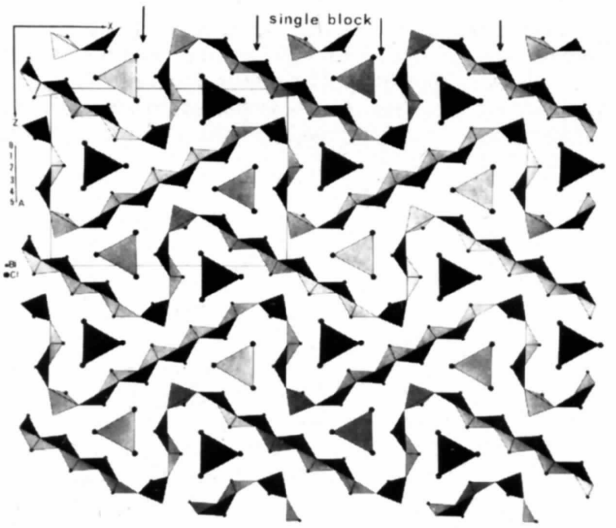

Fig. 2. The structure of $Bi_6O_7FCl_3$ projected along y. The coordination polyhedra of Bi, described as square pyramids and octahedra, are connected in infinite zigzag layers parallel to [010]. The Cl ions form trigonal-prismatic columns running along [010]. The polyhedra drawn in heavy and thin lines are $b/2$ apart.

structure and are parallel to y. Between them are trigonal-prismatic columns of formula $(Cl_3^{3-})_\infty$. These 'vacancies' are marked by dotted lines in Fig. 1, and the parent structure has the composition $Bi_6X_{7+0.5}Cl_3$.

It is clear that the number of single blocks upon which the twin operation acts varies with the composition. The intensities from $Bi_6O_7FCl_3$ and $Bi_{12}O_{15}Cl_6$ indicate a small variation in their composition.

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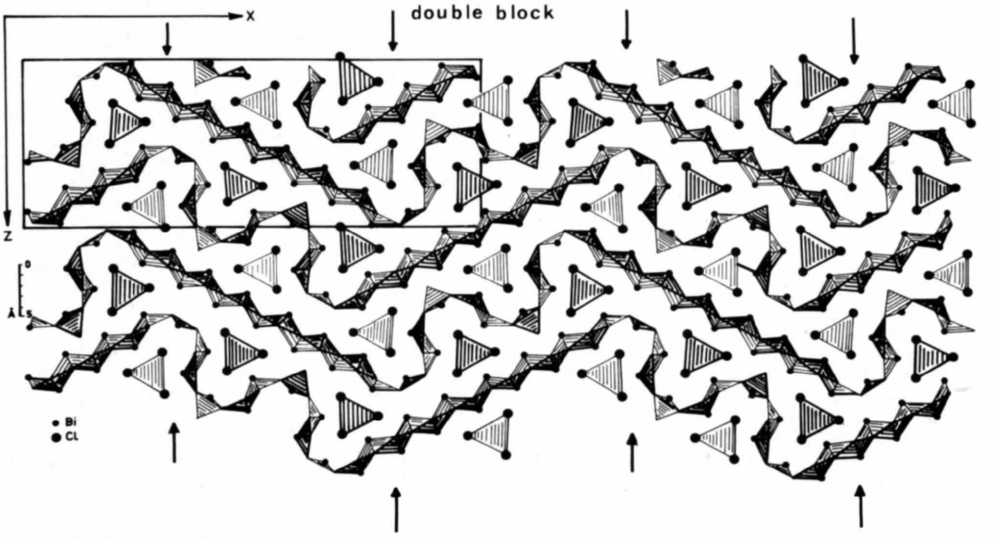

Fig. 3. The structure of $Bi_{12}O_{15}Cl_6$ projected along y. The coordination polyhedra of Bi, described as square pyramids and octahedra, are connected in infinite zigzag layers parallel to [010]. The Cl ions form trigonal-prismatic columns running along [010]. The polyhedra drawn in heavy and thin lines are $b/2$ apart.

International Union of Crystallography

Deposition of Tables of Anisotropic Thermal Parameters

In its report to the IUCr Executive Committee and Tenth General Assembly of the Union which was held in Amsterdam, 7–15 August 1975, the Working Party on Information Services proposed that tables of anisotropic thermal parameters should, in general, be deposited together with structure factor tables.

With the agreement of the Executive Committee and the Chairman of the Commission on Journals, this proposal has now been implemented. All tables of anisotropic thermal parameters (except for very short tables) will be deposited, unless the Co-editor accepting the paper specifically requires that they be published. If a table gives both

positional and thermal parameters both will be deposited but the positional parameters will also be published.

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 numbered clearly to ensure the correct sequence. The optimum page size is up to 30 × 21 cm, whilst the limiting page size is 33 cm high × 24 cm wide. Each set of material to be deposited should be accompanied by the title, the authors' names and addresses and the abstract from the parent paper.