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CRYSTALLOGRAPHIC TABLES FOR THE RHOMBOHEDRAL CARBONATES: A CORRECTION

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Dr. Friedrich Lippmann of the University of Tübingen has pointed out that the oxygen x parameter for dolomite which I used in an earlier paper (Graf, 1961) is in error. The parameter should be 0.2474 ± 0.0068 instead of 0.2374 ± 0.0068 . The latter value was taken from Steinfink and Sans (see below), where it represents an undetected typesetting error.

The oxygen amplitude contributions for dolomite, given in Table 3 of the paper, are therefore wrong. The errors in calculated intensities shown in Table 4 and Figure 1 depend, of course, upon the relative importance of the oxygen contribution for each reflection. Because of the ready availability of computer programs for generating this information, I do not intend to prepare corrected tables.

References

GRAF, D. L. (1961) Crystallographic tables for the rhombohedral carbonates. Amer. Mineral., 46, 1283-1316.

ERRATA

In H. Steinfink and F. J. Sans (1959) Refinement of the crystal structure of dolomite. *Amer. Mineral.* 44, 681, Table 1, under Oxygen, *x*, for 0.2374 read 0.2474.