

to crystallographers. (Reliable charges and dipole moments are hard to come by!) Computational chemists, for example, have much to gain from the book by way of a better understanding of the methods which underlie x-ray diffraction derived electrostatic moments.

I found no serious faults with the book. A list of relevant computer program packages might have been useful. The chapters could have been better linked by introductory, bridging paragraphs. In those chapters where such a bridging paragraph was given, the flow was improved.

Coppens states in his preface that "the aim of this volume is to provide the background necessary for interpretation of the results of accurate crystallographic methods, and to present the concept to a wider community of non-specialized scientists." He has more than achieved his goal.

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