



## A Treatise on Crystallography (Classic Reprint)

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By W J Lewis

Forgotten Books, United States, 2015. Paperback. Book Condition: New. 229 x 152 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.Excerpt from A Treatise on Crystallography My purpose in this text-book is to set before the student the views held at the present time as to the classification of crystals and the principles of symmetry on which the classification is based; to describe the forms which are a consequence of the symmetry; to determine the geometrical relations of the forms; and, finally, to explain the methods by which the crystals are drawn and their forms represented graphically. The treatment has been as far as possible geometrical, and, with the exception of the formulae of plane and spherical trigonometry necessary for the solution of triangles, very little analysis has been introduced into the main discussion. Seeing that good figures are important aids to the understanding of the geometrical relations of crystals, and that practice in drawing crystals develops the student's power of solving crystallographic problems, I have throughout given prominence to the methods used in making diagrams. The principles of projection followed in the construction of such figures are therefore explained at an early stage. About the...



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