

and other solid-state phenomena which may be studied by field-ion microscopy. This extensive application of pictures is very necessary, for ion images are often very confusing and almost unintelligible to the beginner. In the examination of the various point, line, surface, and three-dimensional defects which can be studied by field-ion microscopy, a very fair picture is painted so that the reader knows what the method can do and what are its limitations (at the present time).

For someone interested in applying field-ion microscopy to the study of defects in the solid state, this is a necessary book. For someone interested in applying field-ion microscopy to other areas of investigation, it could be very helpful.

MARC H. RICHMAN

*Division of Engineering,
Brown University,
Providence, Rhode Island*

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