

methods to detect and measure aberrations, but does not say anything about the algorithms that are employed to align the microscopes. He also calls for rigorous control of vibrations, instabilities in the power supplies, and electromagnetic fields but does not provide many helpful suggestions. After reading this book, microscopists may suspect that they are revisiting Scherzer's era, when chromatic aberration and a multitude of minor practical concerns precluded microscopes from achieving their theoretical resolution.

Aberration-Corrected Imaging in Transmission Electron Microscopy is impeccably edited. The schematic diagrams are accurate and informative. The equations presented are necessary and sufficient. Erni has an admirable habit of summarizing previous chapters at the onset of a new chapter. His only fault as a writer is excessive wordiness. Sometimes he plows ahead with pages of immaculate English when a schematic diagram and a half-page description might have done. Despite its wordiness, however, the book was a delight to read.

Practical aberration-corrected instruments have been a long time coming but are still very expensive. Researchers who are fortunate enough to acquire one should also acquire a copy of *Aberration-Corrected Imaging in Transmission Electron Microscopy*.

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