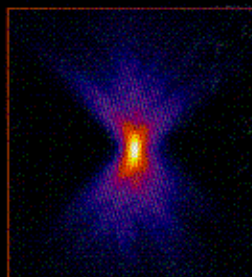


DIGITAL MICROSCOPY

4TH EDITION



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Early microscopy largely focused on structural issues but now it is routine to look at the single molecule level for the distribution and dynamics of individual molecular species on the time scales of the living cell. This revolution began with immunofluorescence and was expanded by the development of a host of molecular probes and the family of engineered fluorescent proteins.

The first edition of this book appeared in 1998 as "Video Microscopy" and fifteen years later this fourth edition continues to give the reader a true understanding of the physics and chemistry involved in modern light microscopy.

KEY FEATURES

- Updated content covering the basics and practical aspects of digital microscopy
- Chapters covering super resolution techniques, quantitative methods, and confocal microscopy

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