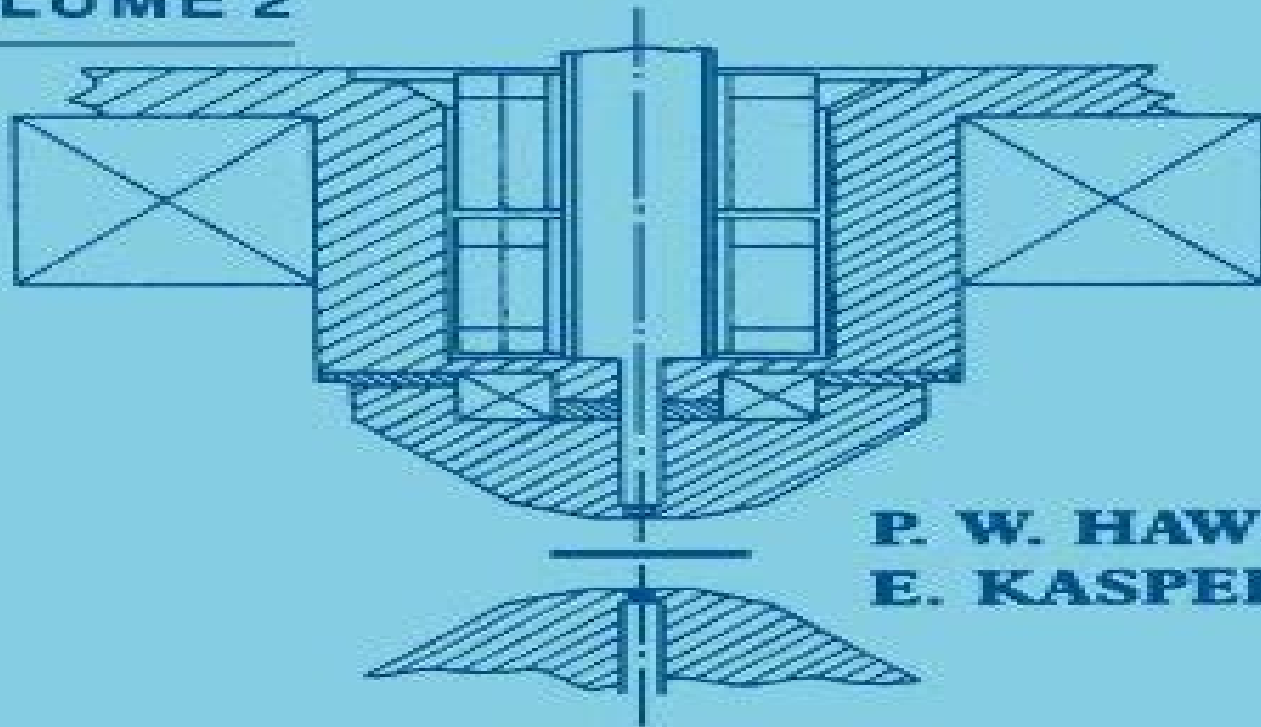


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VOLUME 2



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Principles of Electron Optics: Basic geometrical optics P. W. Hawkes, Erwin Kasper, 1989 This is a complete handbook and reference volume which covers everything that one needs to know about electron optics It is a comprehensive coverage of theoretical background and modern computing methods It contains a detailed and unique account of numerical methods and an extensive bibliography

Handbook of Charged Particle Optics Jon Orloff, 2017-12-19 With the growing proliferation of nanotechnologies powerful imaging technologies are being developed to operate at the sub nanometer scale The newest edition of a bestseller the Handbook of Charged Particle Optics Second Edition provides essential background information for the design and operation of high resolution focused probe instruments The book's unique approach covers both the theoretical and practical knowledge of high resolution probe forming instruments The second edition features new chapters on aberration correction and applications of gas phase field ionization sources With the inclusion of additional references to past and present work in the field this second edition offers perfectly calibrated coverage of the field's cutting edge technologies with added insight into how they work Written by the leading research scientists the second edition of the Handbook of Charged Particle Optics is a complete guide to understanding designing and using high resolution probe instrumentation

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