Printed diagram showing x-ray path within x-ray diffraction experiments referenced as 'Prof Wilkins'

Contributors

Wilkins, Maurice, 1916-2004

Publication/Creation

December 1968

Persistent URL

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... practice, it suffices to bend a flat surface, the curvat...
...d by the application of equal bending couples to a rectangu...
... shows the relative positions of source, reflector, specimen ...
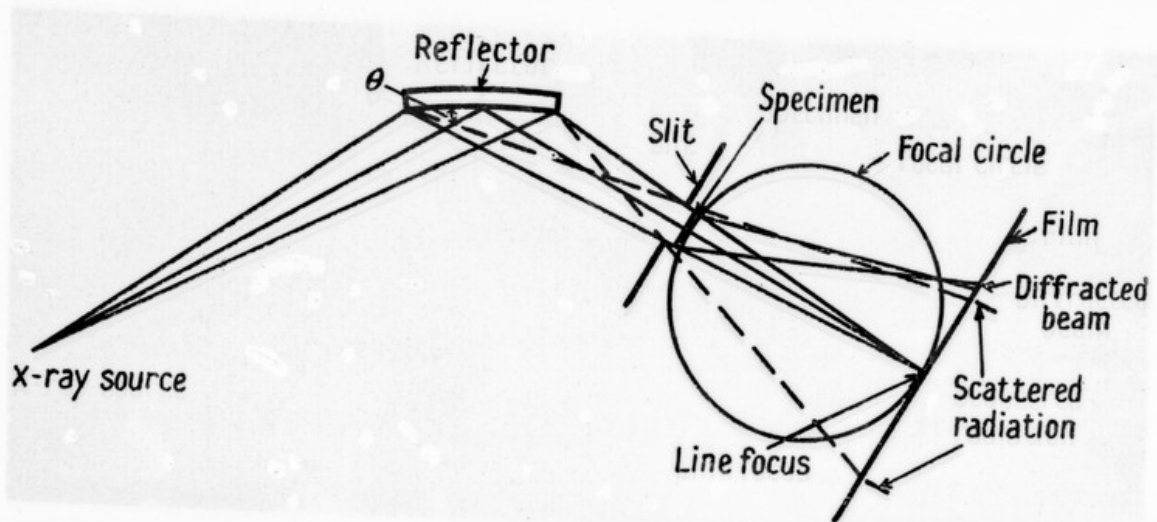...acing angle θ (very much exaggerated) is set so that the characte...

Figure 1.

...wavelength radiation only is reflected. The diffracted beams...
...on the focal circle; owing to the depth of focus, sharp reflection...
...t low angles on a film placed perpendicular to the beam and passi...

are least at unit magnification (Baez 1948). In the de
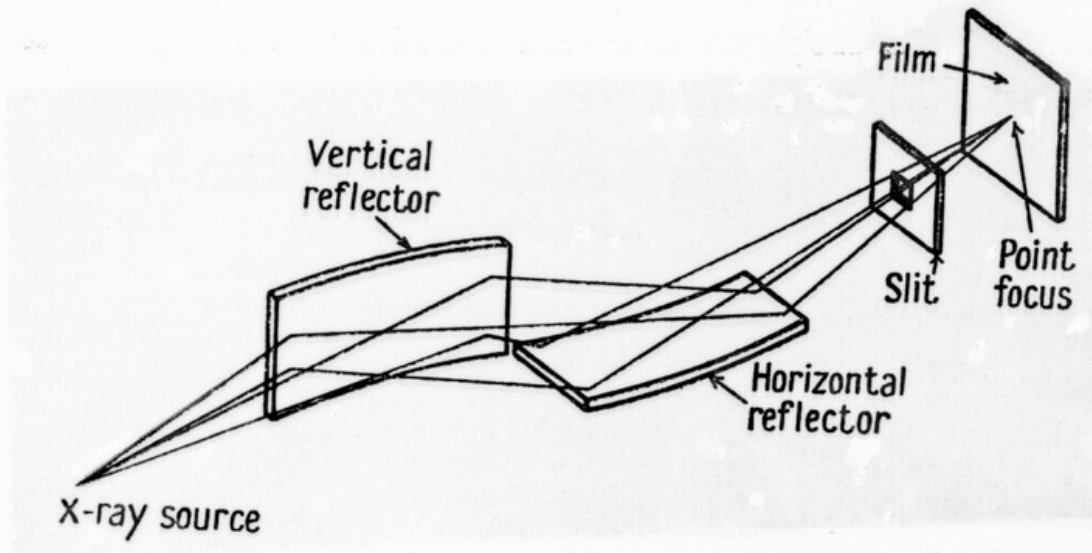errations are kept as small as possible by having both m
f the system.

Figure 5.

3.1. *Determination of the Optimum Camera Constants*