

Diagram relating to amplitude referenced as "Contribution of a series of atoms to a S F (waves)"

Contributors

Arnott, Struther, 1934-

Publication/Creation

January 1965

Persistent URL

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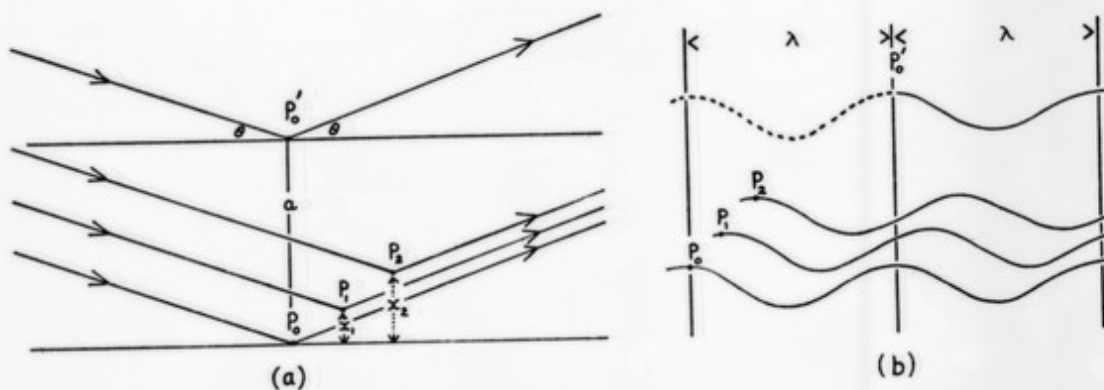
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difference compared to the wave from the standard atom P_0 is

$2x_1 \sin \theta = \frac{hx_1\lambda}{a}$ and the phase difference in angular measure is

$2\pi hx_1$... scattered from P_1 has a phase dif-



(a) and (b). A series of atoms contributing to the structure amplitude, F .

¹ It is assumed that $a_{100} = a$ and that the axes are orthogonal. The formulas 5.1 to 5.6, however, apply to the general case for crystal axes inclined at any angle.