Diagram captioned as "physical meaning of the Laue equation a.S=h" referenced as "a.s = h x"

Contributors

Fuller, Watson, 1935-

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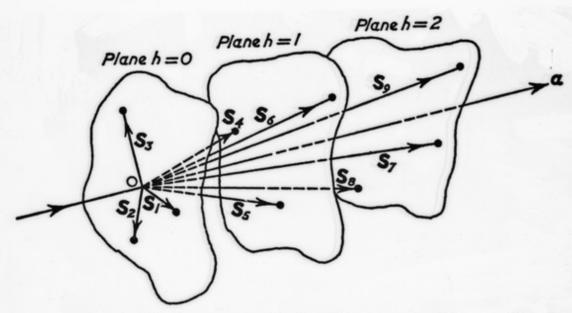
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Physical meaning of the Laue equation $\mathbf{a} \cdot \mathbf{S} = h$ Vectors S_1 , S_2 , S_3 obey $\mathbf{a} \cdot \mathbf{S} = 0$ Vectors S_4 , S_5 , S_6 obey $\mathbf{a} \cdot \mathbf{S} = 1$ Vectors S_7 , S_8 , S_9 obey $\mathbf{a} \cdot \mathbf{S} = 2$

at points where these three sets cross is the transform observed. The underlying transform, as explained in section 2.9, still decide the relative intensities at the points at which it is observed and it is thus customary to consider the transform as 'sampled' (section 1.5 at the points design?