

Diagram referenced as 'diffraction Ewald sphere I'

Contributors

Arnott, Struther, b.1934

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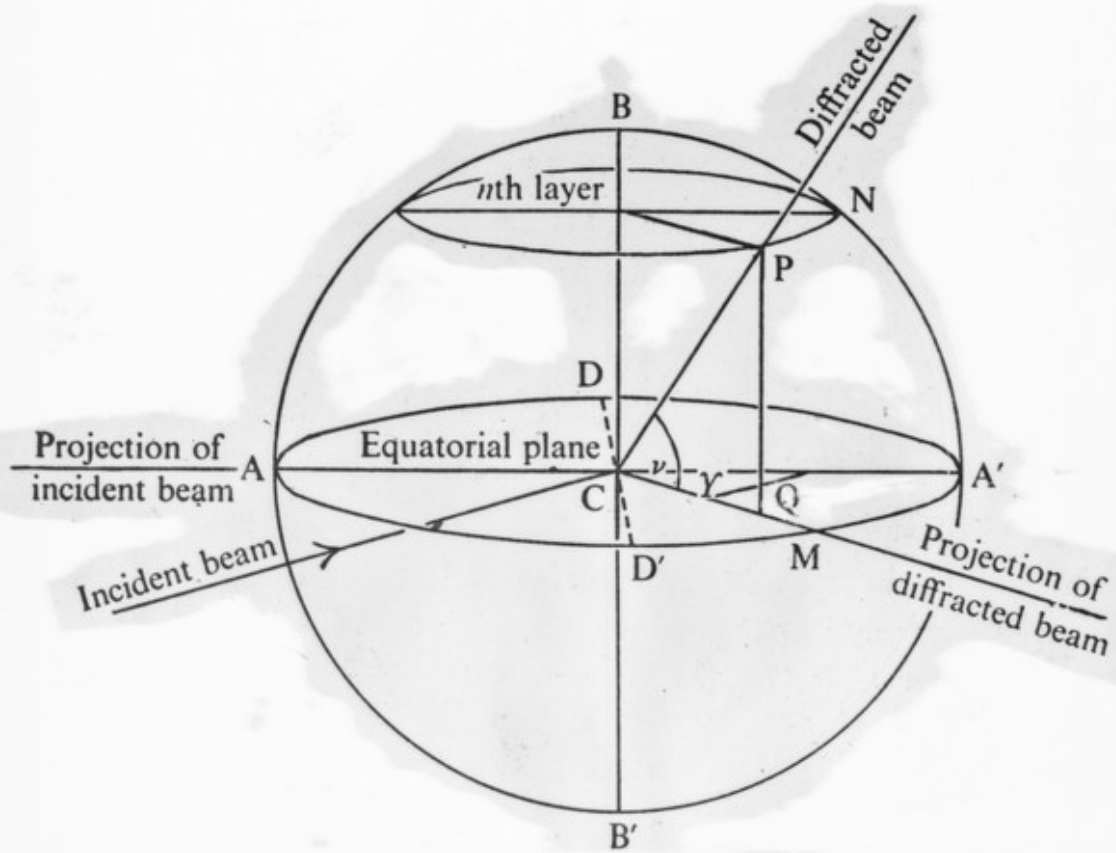


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Incident

Sphere of reflection

(a) Elevation of sphere of reflection. O origin of reciprocal lattice. Incident beam in the plane.



(c) Perspective diagram. BB' direction of rotation axis through crystals. P reciprocal lattice point in reflecting position, ζ, ξ, ϕ . Angular co-ordinates of diffracted beam, ν, γ .

Fig. 4.3.2.1. Geometrical principles of reflection in the reciprocal lattice about an axis not necessarily normal to the incident beam.