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represented in reciprocal space as a set of nested spherical shells positioned with their centers at the origin¹ figure 9 1 these shells arise from the reciprocal lattice points from the myriad e g 109 mm³ for 1 ?m¹

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rays are passed through a
crystalline material and the
patterns produced give information
of size and shape of the unit cell x
rays passing through a crystal will
be bent at various angles this*

process is called diffraction'

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