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Biography. Dan Shechtman was born in 1941 in Tel Aviv, in what was then Mandatory Palestine; the city became part of the new state of Israel in 1948. He grew up in Petah Tikva and Ramat Gan. His grandparents had immigrated to Palestine during the Second Aliyah (1904–1914) and founded a printing house. As a child Shechtman was fascinated by Jules Verne's *The Mysterious Island* (1874), which he ...

Dan Shechtman - Wikipedia

Unit cell. Crystal structure is described in terms of the geometry of arrangement of particles in the unit cell. The unit cell is defined as the smallest repeating unit having the full symmetry of the crystal structure. The geometry of the unit cell is defined as a parallelepiped, providing six lattice parameters taken as the lengths of the cell edges (a, b, c) and the angles between them (α, β, γ) ...

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