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Supplementary Material

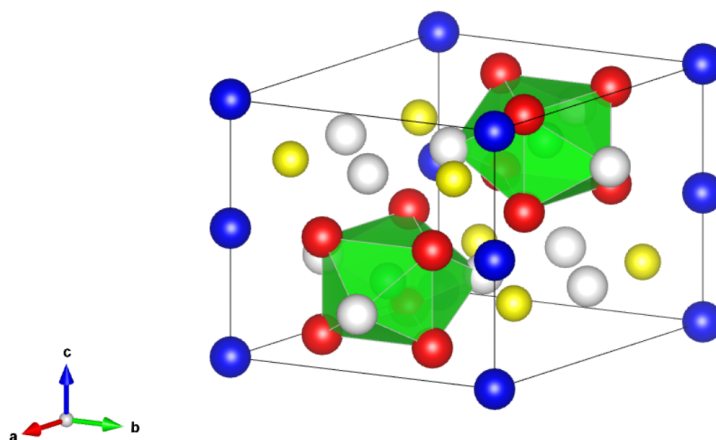


Figure 1: Coordination polyhedra of site $2d$ of the τ_{11} - $\text{Al}_4\text{Fe}_{1.7}\text{Si}$ structure. Atoms and coordination polyhedron are represented in blue for site $2a$, white for site $6h_1$, red for site $12k$, green for site $2d$ and yellow for site $6h_2$.

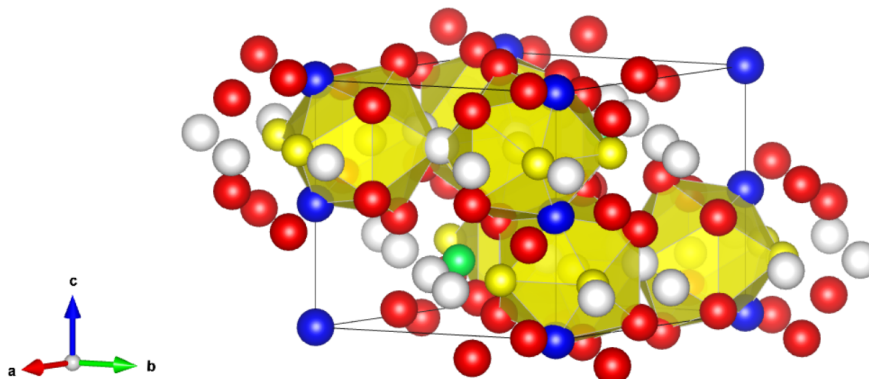


Figure 2: Coordination polyhedra of site $6h_2$ of the τ_{11} - $\text{Al}_4\text{Fe}_{1.7}\text{Si}$ structure. Atoms and coordination polyhedron are represented in blue for site $2a$, white for site $6h_1$, red for site $12k$, green for site $2d$ and yellow for site $6h_2$.