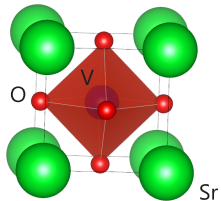
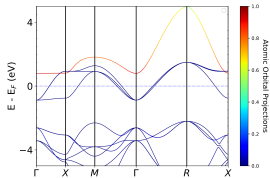


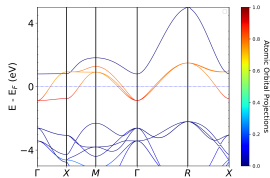
Crystal Field Splitting for Octahedral Complexes



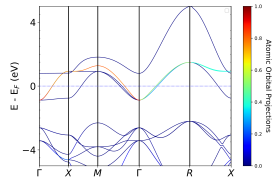
(a1) t_{2g}
 $d_{z^2}, d_{x^2-y^2}$



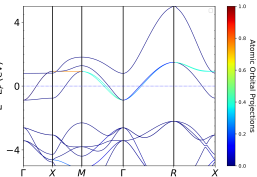
(a2) e_g
 d_{xy}, d_{yz}, d_{xz}



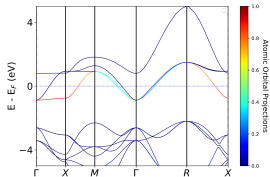
(b1) d_{xy}



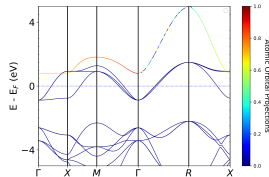
(b3) d_{yz}



(b3) d_{xz}



(b4) d_{z^2}



(b5) $d_{x^2-y^2}$

