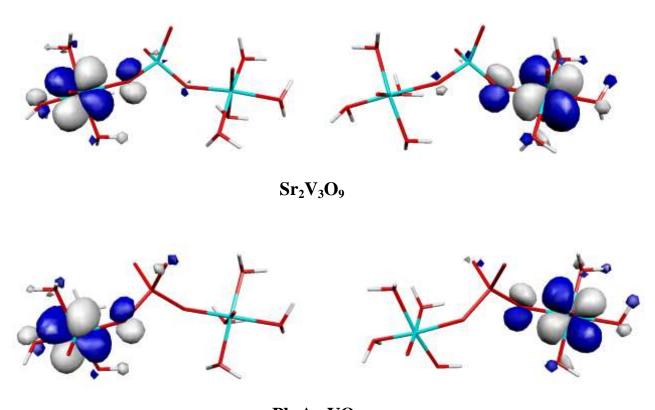
Supplementary Information

for

Factors affecting the magnetic coupling in $Sr_2V_3O_9$ type oxides: As for V substitution in the VO_4 tetrahedra and nature of the cation

by

Antonio Rodríguez-Fortea, Miquel Llunell, Pere Alemany and Enric Canadell



Pb₂As₂VO₉

Figure S1. Natural magnetic orbitals for the molecular models of $Sr_2V_3O_9$ (top) and $Pb_2As_2VO_9$ (bottom).