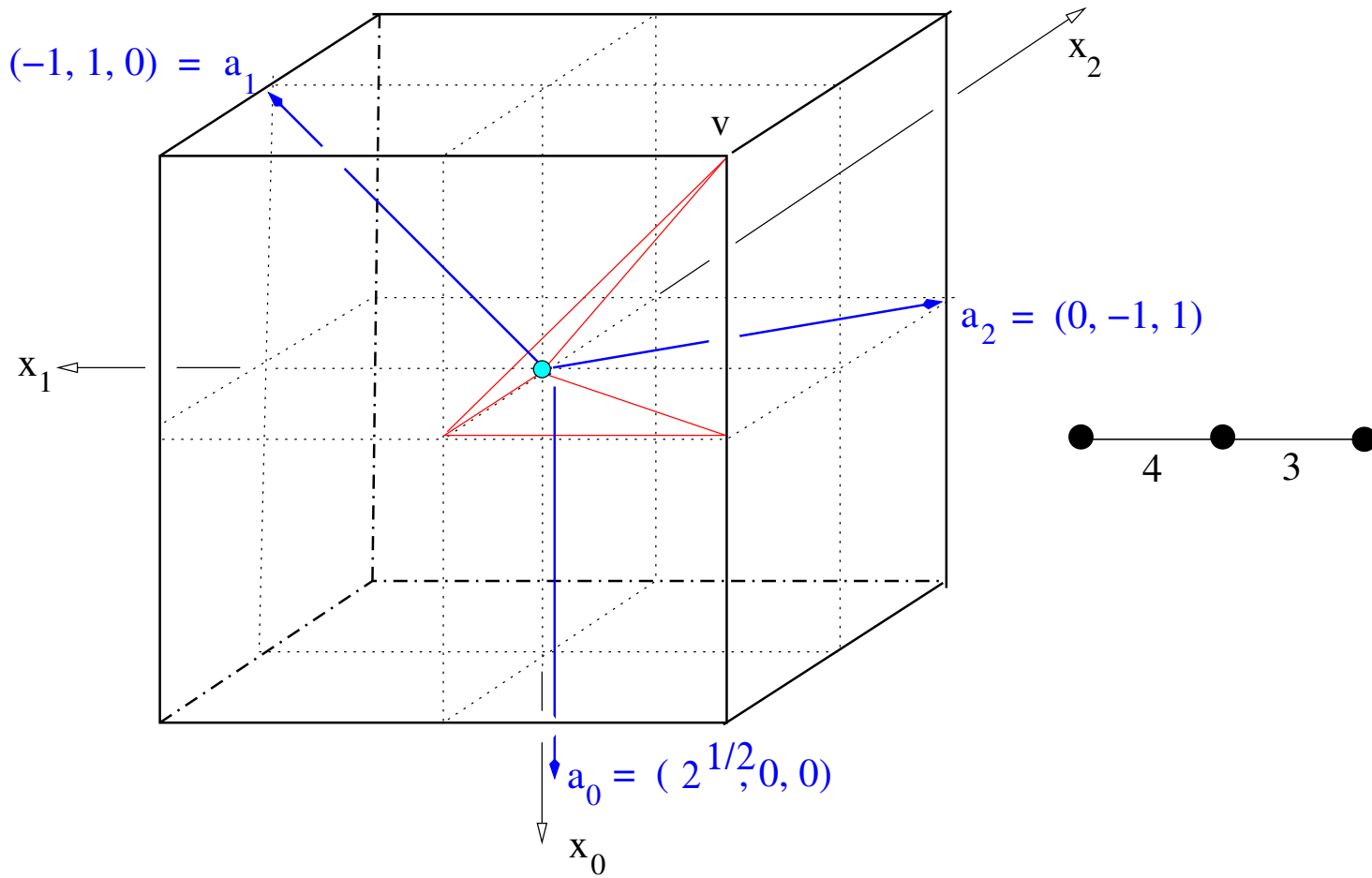


The Coxeter group B_3 is the symmetry group of the 3-cube



Base vertex $v = (-1, -1, -1)$