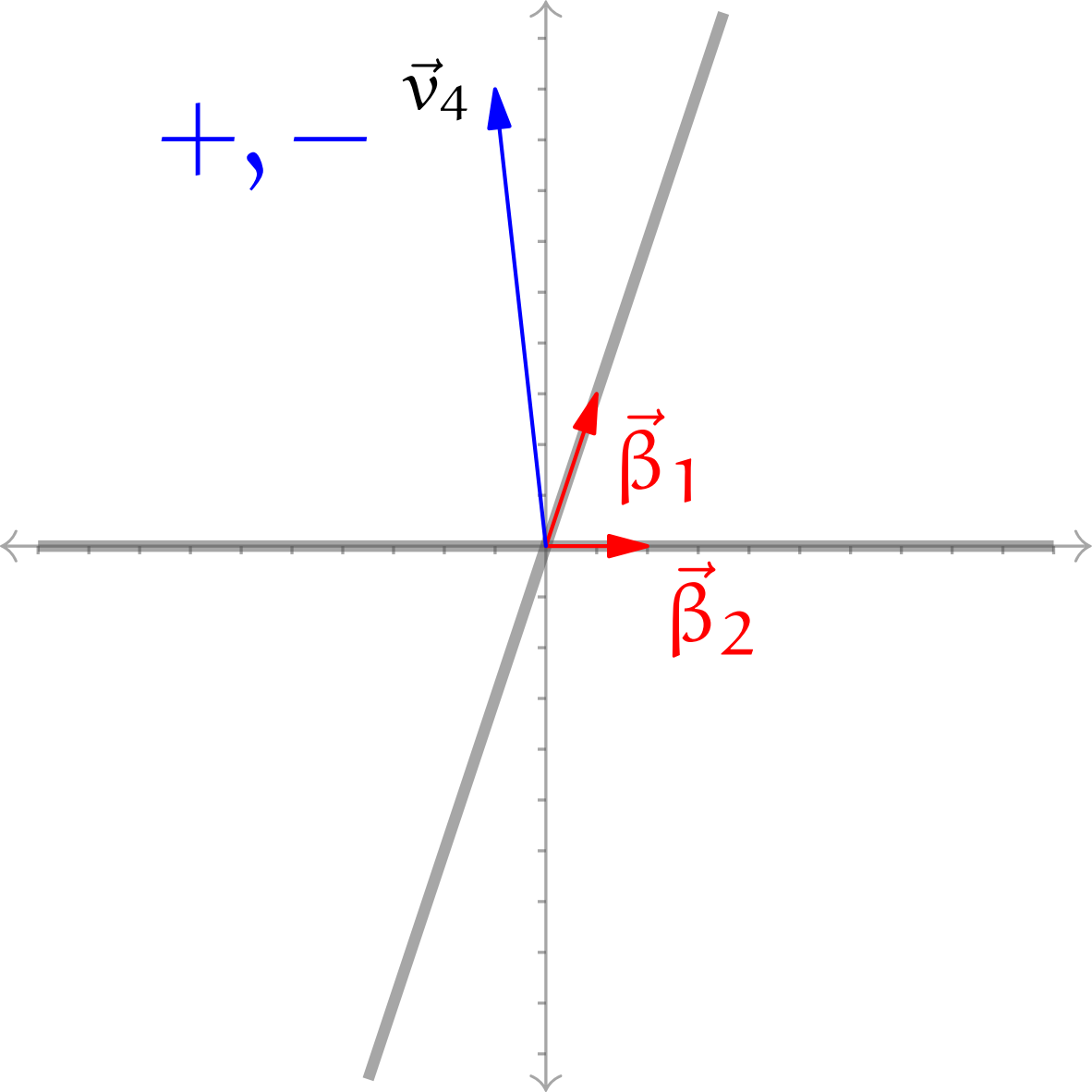
$\vec{v}_4$
$+, -$
$\vec{\beta}_1$
$\vec{\beta}_2$