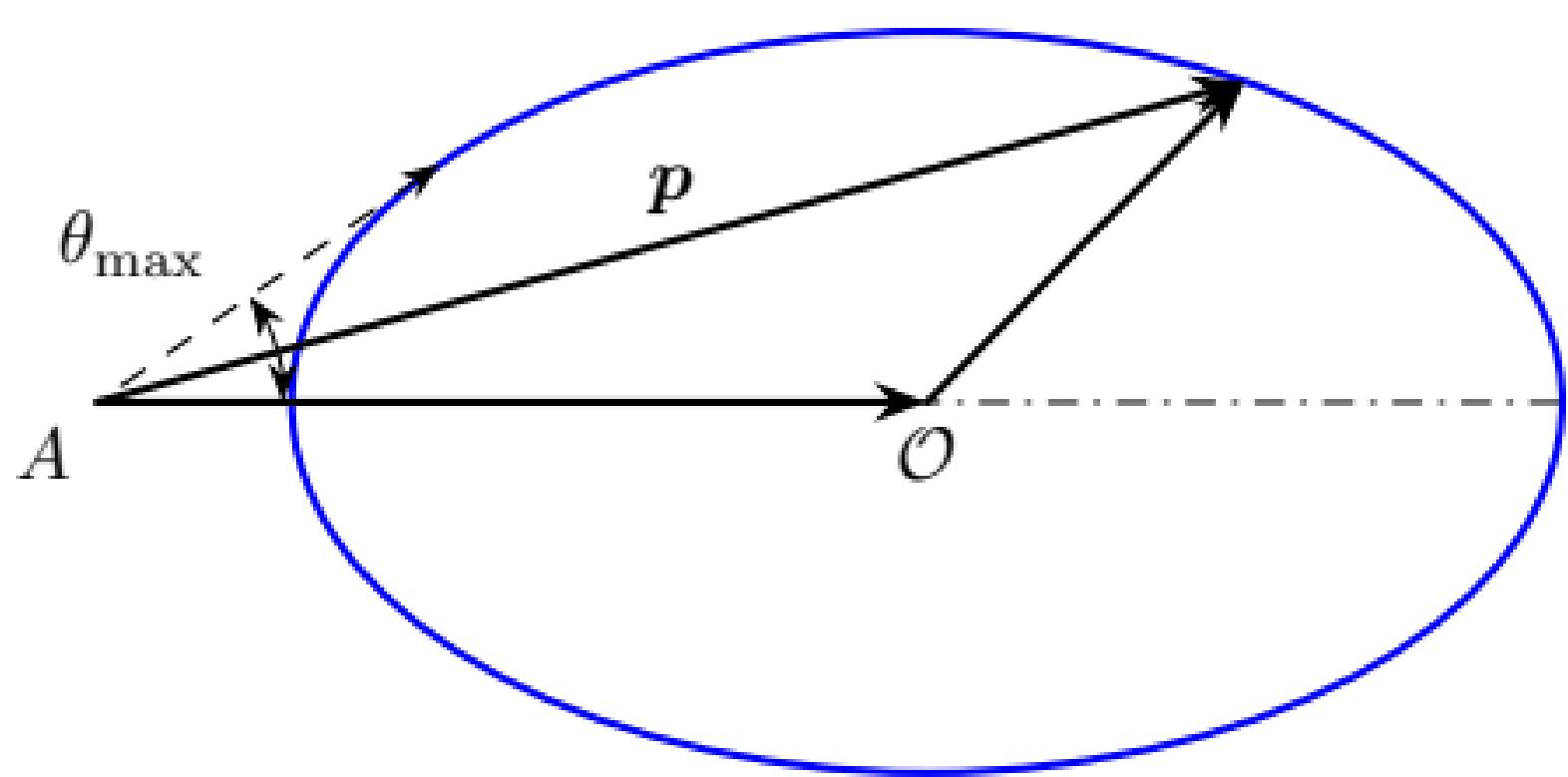


(a) $\|V\| < \|v_0\|$



(b) $\|V\| > \|v_0\|$