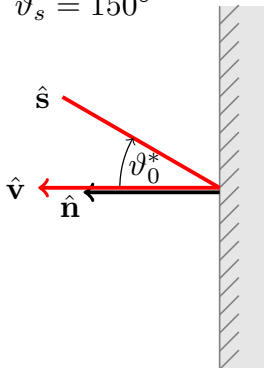


(a)

$$\vartheta_s = 150^\circ$$

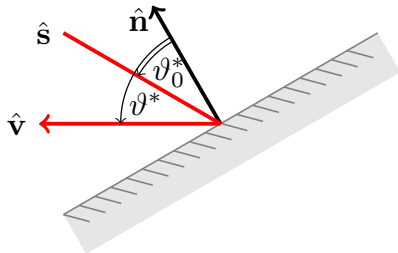


●  $\vartheta^* < \vartheta_0^* = 30^\circ$

(b)

$$\vartheta^* \neq \vartheta_0^*$$

$$\vartheta_s = 150^\circ$$



●  $\vartheta^* > \vartheta_0^* = 30^\circ$