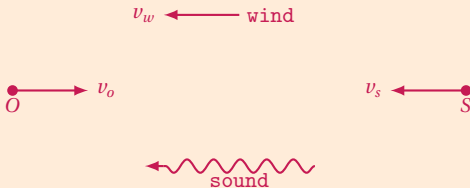


Doppler's Effect with sign convention



$$f' = \left(\frac{v + v_w + v_o}{v + v_w - v_s} \right) f_0$$

