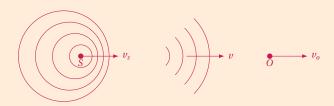
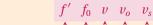
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Doppler's Effect



$$f' = f_0 \left(\frac{v \pm v_o}{v \mp v_s} \right)$$



observed frequency source frequency

velocity of source velocity of sound in the medium