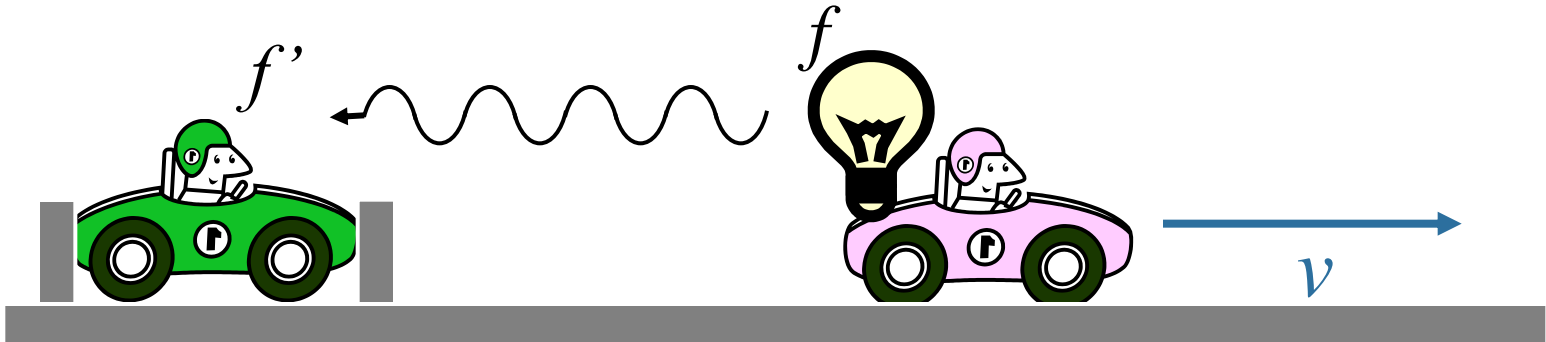
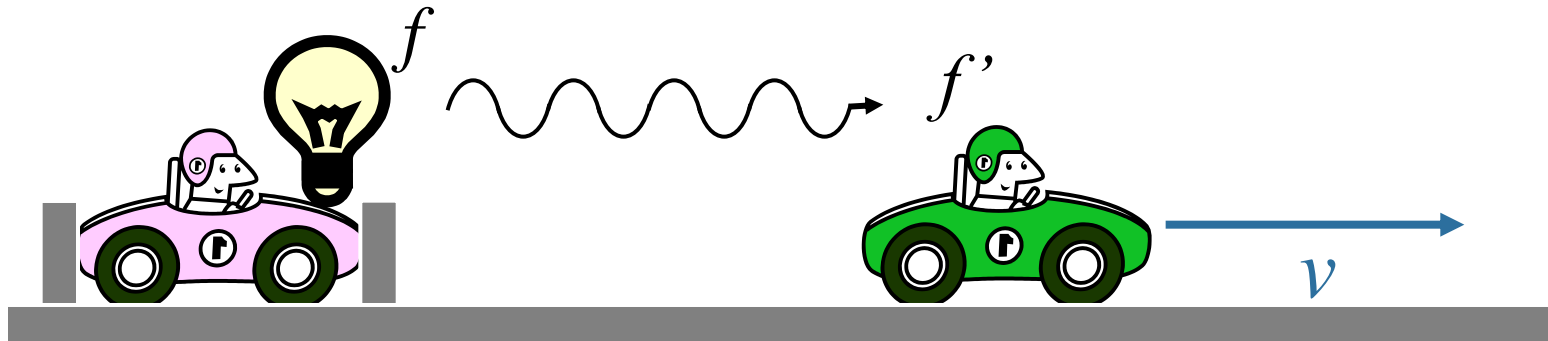


Doppler Shift for E-M Waves



or



The Doppler Shift is the SAME for both cases!

f'/f only depends on the relative velocity

$$f' = f \left(\frac{1 + \beta}{1 - \beta} \right)^{\frac{1}{2}}$$