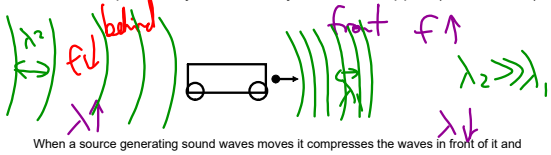
THE DOPPLER EFFECT

This was first explained by Austrian Physicist C.J. Doppler (1803 - 1853)



When a source generating sound waves moves it compresses the waves in front of it and expands the waves behind it.

The Wavelength behind the moving source is increased so the frequency must be decreased (lower pitch).

The Wavelength in front of the moving source is decreased so the frequency is increased (higher pitch).

https://www.youtube.com/watch?v=imoxDcn2Sgo&feature=related

Jan 9-2:56 PM