# Kacper Borucki C1.2

## Summary 1 Mon 17:05

**Mitchell, A.J. (2019, March 6). The Doppler Effect Is What Ambulances and Galaxies Have in Common. Retrieved from https://curiosity.com/topics/the-doppler-effect-is-what-ambulances-and-galaxies-have-in-common-curiosity/**

The article I chose is about the Doppler’s Effect, a physical phenomenon which you can not only observe in daily life but also in the whole Universe. The effect says about change in a frequency when the object emitting waves moves towards or away from the observer.

For example, when the bug moves on a pond towards you, waves reach you more often. The same you can observe in case of soundwaves of a riding car and in electromagnetic waves emitted by galaxies moving away from the Earth.

The effect is used in radar devices, echocardiograms and in astronomical observatories – all of these use the redshift of waves – objects moving away from something create electromagnetic waves of lower frequency which means they seem slightly more red than in reality.