

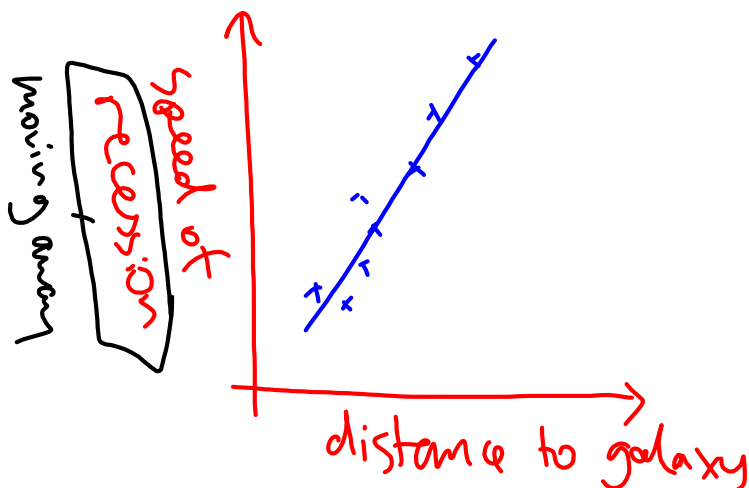
The Big Bang Theory

The big bang theory states that the universe started off very small, hot and dense, and has been expanding and cooling ever since.

Red Shift

Edwin Hubble observed many distant galaxies, and their spectra were red-shifted. This meant that galaxies were moving away from us, and he found this happening in all directions.

Furthermore, the further away the galaxies were, the faster they were moving away.



This seemed to imply that the universe was expanding. (note to self - we are not special)

It also implies that if the universe is currently getting bigger, in the past it must have been smaller, and maybe started from a point.

Cosmic Microwave Background Radiation (CMBR)

The universe is filled with microwave radiation coming from all directions, which suggests that the universe is a few degrees warmer than absolute zero.

The big bang theory predicted this as the heat left over from the big bang. NO OTHER THEORY CAN EXPLAIN IT.

What does the future hold?

