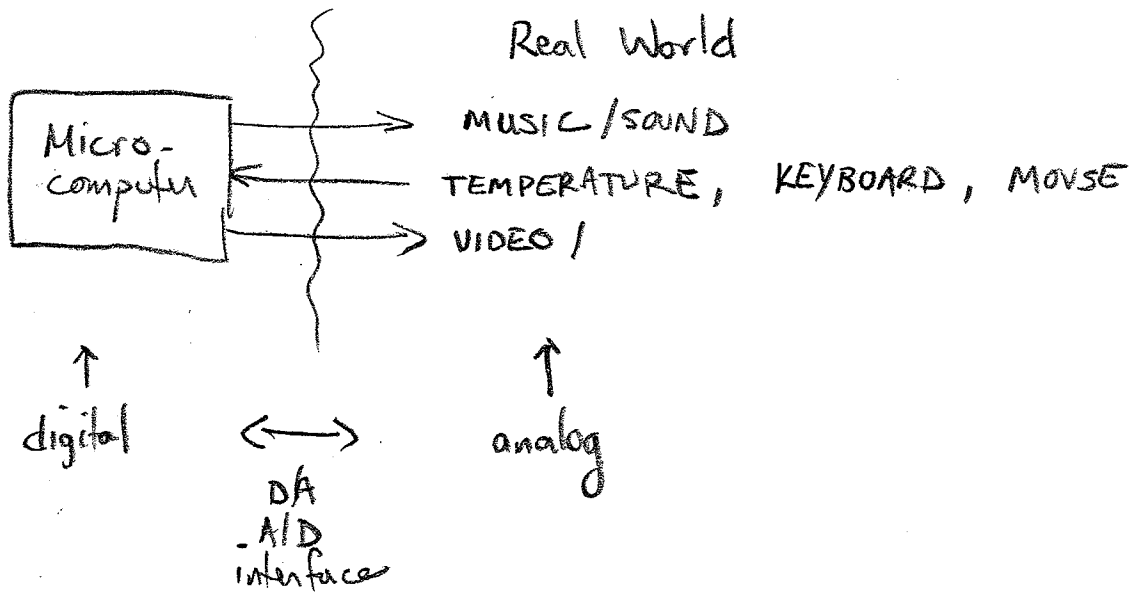
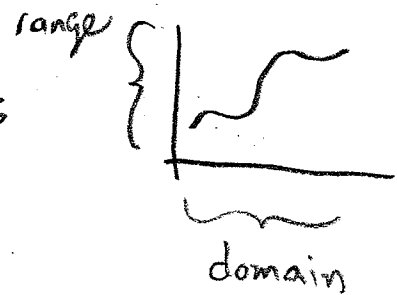


# Introduction to Microcomputers



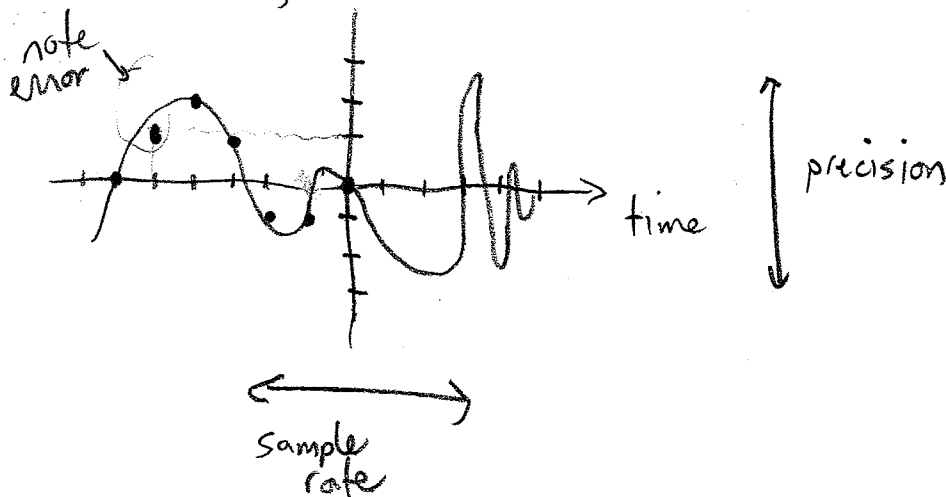
What is analog?

- range: infinite possible values
- domain: continuously varying, eg over time



Digital is, at best, an approximation to analog!

- need to discretize domain, eg discrete time, 44.1 kHz sample rate
- need to discretize range, eg discrete values, 16bit audio sound level



Digital is often good enough for most practical purposes.

This course is mostly about the digital side,  
ie how to do computation,  
and about interfacing with the real (analog) world.

### Microcomputer - major components

