## P6: Testing the behaviour of accordic waves in a liquid medium

## Pre-las summany:

Our undertanding and manipulation of wave behaviour is at the we of many modern technologies, Such as submarires or ultrasounds. In this experiment, we will look at how acoustic waves behave in liquid materials.
We will do this by arranging two ultravionic transducers at opposite ends of a water basis, and Connecting one to a wave generator on the other to an oscilloscope. Between our transducers, me mill place a solid plate, in order to analyze the transmusion loss through a finite solid masterial unshin our liquid environment. This loss will be measured as a hund of the received frequency and angle of incidence, Using very short name pulses, hormal incidence, and non-normal incidence. We will and observe the present discupancies.



