ABSTRACT

In this work , an effort is made to recognize octaves. Octave is the name of the interval between two tones , of which the higher has a frequency double that of the other. This gives the musical scale. Here the recorded musical chords which lie in the octave is fed into a filter circuit after amplification. The output of which is fed into the microprocessor , which recognizes the particular chord.

This work has been fairly successful in achieving what it desired to achieve , as the chords of the particular frequencies were recognized with closeness to their fixed theoretical values.