

Positive Feedback Circuit for Isometric Muscle Experiments By Hans Summers, May 1992

Here I present my 2'nd year university physics project, undertaken while at Imperial College, London university. Unlike the 1'st and 3'rd year projects, which were my own proposals, this one was selected in the more usual way from a list of undergraduate projects provided by the physics department.

Although this is a biophysics project, as usual my main interest was in the electronics. The part of which I am most proud is the innovative Automatic Gain Control (AGC) circuit, without which the project would not have succeeded. This AGC circuit could well be used in many other applications too.

Unfortunately I have no photographs.

[CLICK HERE TO READ THE REPORT \(PDF FORMAT\)](#)

Some of the diagrams aren't easy to see in the PDF report. So here are all the diagrams available as a gallery, to click and enlarge and browse through.

{gallery}muscle{/gallery}