

ABSTRACT

Snellen is a tool that serves to conduct disorders of the eye. Abnormalities were detected most of myopia and hyperopia. Election letters tailored letters needs ranging from small to large size letters randomly or alternately as needed during the examination of the patient. This device has a remote control for the use to select fonts on each chart by pressing the button on the remote. Where remote has a specific code for each selection chart.

On the tools available in the market use the wiring system for the selection of each chart. In addition this tool has not been equipped motor mechanic, so the nurse or the operator does not know the distance view of the patient with the tools are aligned.

To overcome these problems it is designed Modified Snellen tool that comes with a remote control system for the selection of each chart. Also equipped motorcycle mechanic to align within view of the patient during the examination process.

By measuring the voltage on each leg of the transistor kolektor not found error rates (% error).

After making this Snellen tool showed that Snellen modification tool with a remote to simplify operator mengoprasikannya. So that the operator makes the patient at the time of inspection. Snellen letters on each chart can be moved as desired, and the tool can be said Snellen chart tool with a decent remote control systems used in hospitals and in the optic.

Keywords: Snellen