

In thesis be described to make-up apparatus audiovisual stimulation with EEG backward structure from readily available ready component that the are EEG amplifier, AD inverter, inverter USB/UART, apparatus for AVS and personal computer. Next is here describe programme specially written for this application in language Delphi that the implements counting values EEG signal from AD inverter, analysis enter data EEG by the help of Fourier transformation inclusive graphic presentation and by return works cerebral activity by the help of apparatus for audiovisual stimulation equipped technology AudioStrobe.