

Controlling a motor using phone waves

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Abstract: In the context of increasingly advanced information technology, using mobile phone signals to control motors has become a new trend in the field of automation. This project aims to research and design a motor control system based on signals from mobile phone waves. The approach includes a combination of radio transmission theory and visual experimentation. It is expected that the project will contribute to improving the performance and remote control capability of motors, expanding the operational space of automation systems in industrial and civil sectors.

Keywords: electric motor, mobile phone waves, remote control, radio transmission, automation