

Annotation

In the research paper an overview of a modern solar photovoltaic plants is represented. The features of the solar are considered . The diploma provides an information about solar electric drives which are used in solar photovoltaic plants as well as the basic operating modes station. A block diagram of the developed system with variable structure tracking DC electric solar and mathematical description of the block diagram is provided. There is a program of synthesis parameters of the control system with variable structure and determine the stability of the program motion tracking solar electric in the research paper.