

Integrated Model of Photovoltaic Solar System with the Sound Biometric Techniques

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Abstract

Photovoltaic system (PVS) is used for generating electric power by using solar cells to convert energy from the sun light into a flow of direct current electricity, which can be used to power equipment or to recharge a battery. In addition, the Sound biometric techniques can enable PVS to listen and understand their surrounding auditory environment since turning the lights on all the nights will get through a lot of energy which it might be used in other significant concerns. This paper proposed a model of combination between PVS to generate power energy (electricity) from the sunlight controlled by a sound biometric technique to reduce the consumption of the generated power energy by turning the lights on for the highways only when there are cars on the highway and only for some period of time to make the driving out of harmful ways and trouble-free; followed by an implementation of the proposed combination model between the PVS and biometric sound chip and a presentation of a discussion of the proposed system results.

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