عنوان مقاله:

Comparing Utilizing of P&O and Incremental Conductance Algorithms in Maximum Power Point Tracking

محل انتشار:

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خلاصه مقاله:

In this article, two articles in the field of tracking the maximum power point of a solar energy system have been examined as a basic example. In these articles, there was a voltage-current diagram whose information was collected with the help of PlotDigitizer and used as input in the simulation. In order to find the maximum power point, two algorithms of Perturb-and-Observe and Incremental Conductance were used, whose code was written in MATLAB software, and at the end, the simulation results were compared with the results of the voltage-current diagram of the .article

کلمات کلیدی:

Solar Energy, Maximum Power Point Tracking, Simulation, MATLAB