

{tag} International Journal of Computer Applications
Foundation of Computer Science (FCS), NY, USA

[Volume 157](#)

-
[Number 5](#)

Year of Publication: 2017

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10.5120/ijca2017912691

{bibtex}2017912691.bib{/bibtex}

Abstract

A numerical investigation have been executed for improving the efficiency of a photovoltaic cell by using two types of fins(rectangular and triangular)at the rear of the cell to increasing the area for losing heat. The study has been executed under a certain circumstances, the variation of a fluid velocity, fin length, fin thickness and fin spacing taken into account. Under a certain circumstances the triangular fin shows a higher ability for losing heat and higher performance than the rectangular fin. The MATLAB program used in this research to ensure the results.

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Index Terms

Computer Science

Applied Sciences

Keywords

Photovoltaic cell, extended surface, triangular fin, cooling panel,