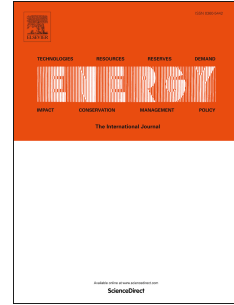


Accepted Manuscript

Parametric investigation of thermal characteristic in trapezoidal cavity receiver for a linear Fresnel solar collector concentrator

Soroush Dabiri, Erfan Khodabandeh, Alireza Khoeini Poorfar, Ramin Mashayekhi, Davood Toghraie, Seyed Ali Abadian Zade



PII: S0360-5442(18)30629-7

DOI: [10.1016/j.energy.2018.04.025](https://doi.org/10.1016/j.energy.2018.04.025)

Reference: EGY 12664

To appear in: *Energy*

Received Date: 28 November 2017

Revised Date: 16 March 2018

Accepted Date: 6 April 2018

Please cite this article as: Dabiri S, Khodabandeh E, Poorfar AK, Mashayekhi R, Toghraie D, Abadian Zade SA, Parametric investigation of thermal characteristic in trapezoidal cavity receiver for a linear Fresnel solar collector concentrator, *Energy* (2018), doi: 10.1016/j.energy.2018.04.025.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

1 **Parametric investigation of thermal characteristic in**
2 **trapezoidal cavity receiver for a linear Fresnel solar**
3 **collector concentrator**

4
5 Soroush Dabiri^a, Erfan Khodabandeh^b, Alireza Khoeini Poorfar^c, Ramin Mashayekhi^d, Davood
6 Toghraie^{e,*}, Seyed Ali Abadian Zade^f

7
8 ^a Environmental Engineering Dept., University of Tehran, 16th Azar St., Enghelab Sq., P.O. Box 14155-6619,
9 Tehran, Iran

10 ^b Mechanical Engineering Dept., Amirkabir University of Technology (Tehran Polytechnic), 424 Hafez Avenue,
11 P.O. Box 15875-4413, Tehran, Iran,

12 ^c Combustion Research Laboratory, School of Mechanical Engineering, Iran University of Science and Technology
13 (IUST), Narmak, 16846-13114 Tehran, Iran

14 ^d Young Researchers and Elite Club, Khomeinishahr Branch, Islamic Azad University, Khomeinishahr, Iran

15 ^{e*} Department of Mechanical Engineering, Khomeinishahr Branch, Islamic Azad University, Khomeinishahr, Iran,
16 Toghraee@iaukhsh.ac.ir

17 ^f Department of Mechanical Engineering, Isfahan University of Technology, Isfahan, Iran

Download English Version:

<https://daneshyari.com/en/article/8071543>

Download Persian Version:

<https://daneshyari.com/article/8071543>

[Daneshyari.com](https://daneshyari.com)