

## Accepted Manuscript

Optimal Placement of Radiation Shields in the Displacer of a Stirling Engine

Garrett Rinker, Laura Solomon, Songgang Qiu

PII: S1359-4311(18)33396-9

DOI: <https://doi.org/10.1016/j.applthermaleng.2018.08.042>

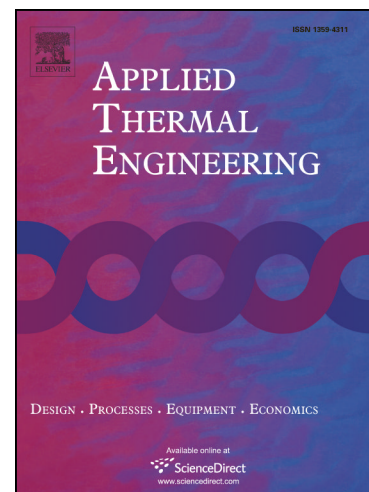
Reference: ATE 12545

To appear in: *Applied Thermal Engineering*

Received Date: 31 May 2018

Revised Date: 13 August 2018

Accepted Date: 14 August 2018



Please cite this article as: G. Rinker, L. Solomon, S. Qiu, Optimal Placement of Radiation Shields in the Displacer of a Stirling Engine, *Applied Thermal Engineering* (2018), doi: <https://doi.org/10.1016/j.applthermaleng.2018.08.042>

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.

## Optimal Placement of Radiation Shields in the Displacer of a Stirling Engine

Garrett Rinker <sup>a</sup> Laura Solomon <sup>b</sup> and Songgang Qiu <sup>c,1</sup>

<sup>a</sup>Department of Mechanical and Aerospace Engineering, West Virginia University, Morgantown WV 26506, USA;

[grinker@mix.wvu.edu](mailto:grinker@mix.wvu.edu)

<sup>b</sup>Department of Mechanical and Aerospace Engineering, West Virginia University, Morgantown WV 26506, USA;

[laura.solomon@mail.wvu.edu](mailto:laura.solomon@mail.wvu.edu)

<sup>b</sup>Department of Mechanical and Aerospace Engineering, West Virginia University, Morgantown, WV 26506, USA;

[songgang.qiu@mail.wvu.edu](mailto:songgang.qiu@mail.wvu.edu)

---

<sup>1</sup>Corresponding author  
Tel. :+1 304-293-3342;  
Email address: [songgang.qiu@mail.wvu.edu](mailto:songgang.qiu@mail.wvu.edu) (Songgang Qiu)

Download English Version:

<https://daneshyari.com/en/article/8941916>

Download Persian Version:

<https://daneshyari.com/article/8941916>

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