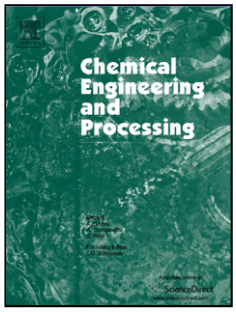


Title: Effect of multiple arc protrusion ribs on heat transfer and fluid flow of a circular-jet impingement solar air passage

Authors: Rahul Nadda, Rajesh Maithani, Anil Kumar

PII: S0255-2701(17)30292-1
DOI: http://dx.doi.org/doi:10.1016/j.cep.2017.07.005
Reference: CEP 7023

To appear in: *Chemical Engineering and Processing*

Received date: 25-3-2017
Revised date: 31-5-2017
Accepted date: 3-7-2017

Please cite this article as: Rahul Nadda, Rajesh Maithani, Anil Kumar, Effect of multiple arc protrusion ribs on heat transfer and fluid flow of a circular-jet impingement solar air passage, Chemical Engineering and Processinghttp://dx.doi.org/10.1016/j.cep.2017.07.005

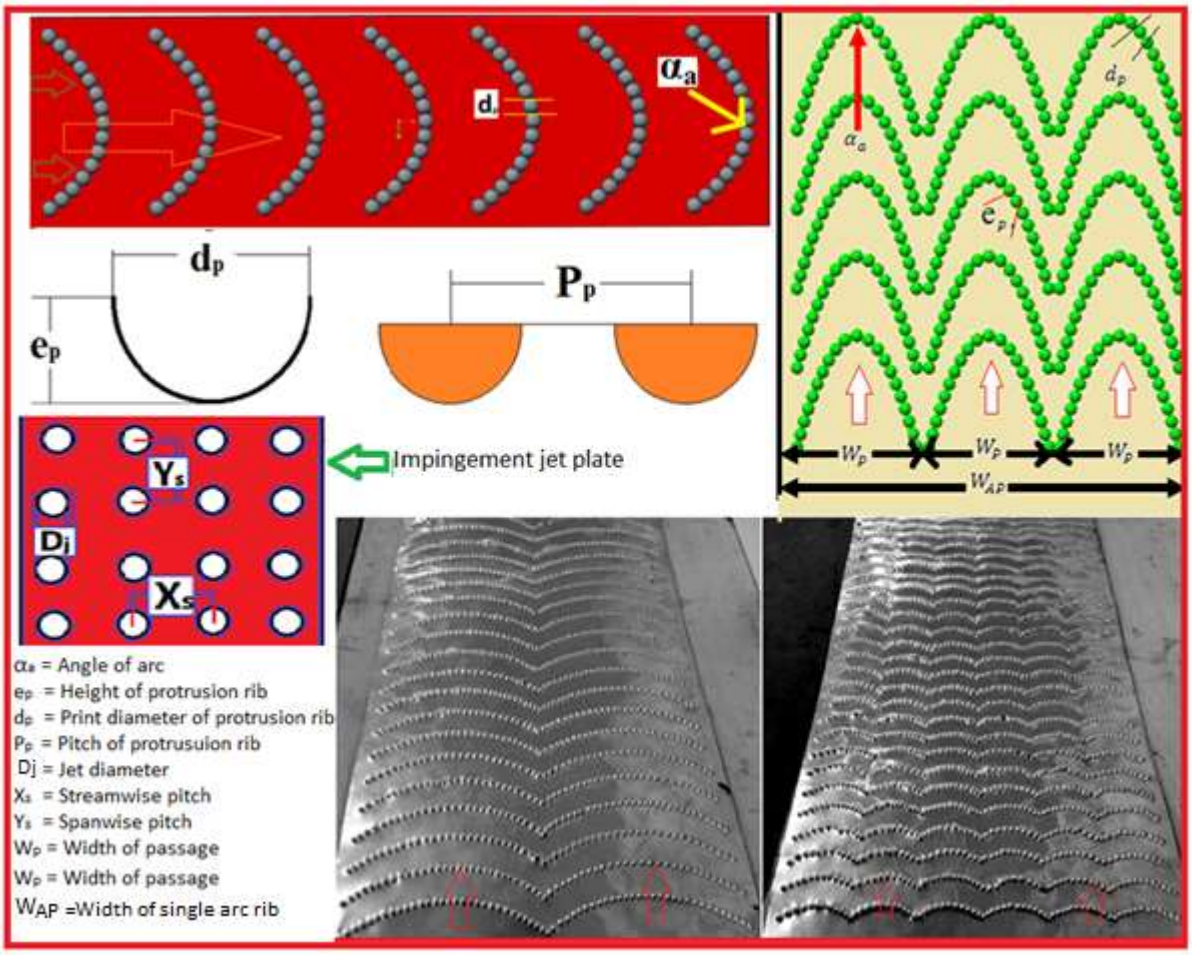
Effect of multiple arc protrusion ribs on heat transfer and fluid flow of a circular-jet impingement solar air passage

Rahul Nadda[1], *Rajesh Maithani*[2], *Anil Kumar*[1*]

[1]School of Mechanical and Civil Engineering, Shoolini University, Solan

[2]Department of Mechanical Engineering, DIT University, Dehradun

Graphical abstract



* **Corresponding Author**. Anil Kumar, School of Mechanical and Civil Engineering, Shoolini University-India, E-mail addresses: anil_aheciit@yahoo.com (A. Kumar)