### Accepted Manuscript

Size, shape, and topology optimization of planar and space trusses using mutation-based improved metaheuristics

Ghanshyam G. Tejani, Vimal J. Savsani, Vivek K. Patel, Poonam V. Savsani

PII: S2288-4300(17)30076-3

DOI: https://doi.org/10.1016/j.jcde.2017.10.001

Reference: JCDE 106

To appear in: Journal of Computational Design and Engineering

Received Date: 5 May 2017

Revised Date: 4 September 2017 Accepted Date: 11 October 2017



Please cite this article as: G.G. Tejani, V.J. Savsani, V.K. Patel, P.V. Savsani, Size, shape, and topology optimization of planar and space trusses using mutation-based improved metaheuristics, *Journal of Computational Design and Engineering* (2017), doi: https://doi.org/10.1016/j.jcde.2017.10.001

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.

## **ACCEPTED MANUSCRIPT**

Size, shape, and topology optimization of planar and space trusses using mutation-based improved metaheuristics

Short Title: Improved metaheuristics for truss optimization

#### Ghanshyam G. Tejani\*

RK University, Rajkot, Gujarat, India

Email: p.shyam23@gmail.com

#### Vimal J. Savsani

Pandit Deendayal Petroleum University

Raysan, Gandhinagar, Gujarat, India

Email: vimal.savsani@gmail.com

#### Vivek K. Patel

Pandit Deendayal Petroleum University

Raysan, Gandhinagar, Gujarat, India

Email: viveksaparia@gmail.com

#### Poonam V. Savsani

Pandit Deendayal Petroleum University

Raysan, Gandhinagar, Gujarat, India

Email: Poonam.savsani@gmail.com

\* Corresponding Author

#### Download English Version:

# https://daneshyari.com/en/article/6877292

Download Persian Version:

https://daneshyari.com/article/6877292

<u>Daneshyari.com</u>