### **Accepted Manuscript**

Title: Modeling of the hot deformation behavior of a high phosphorus steel using artificial neural networks

Authors: Kanchan Singh, S.K. Rajput, Yashwant Mehta

PII: S2352-9245(17)30007-8

DOI: http://dx.doi.org/doi:10.1016/j.md.2017.03.001

Reference: MD 24

To appear in:

Received date: 29-10-2016 Revised date: 16-3-2017 Accepted date: 21-3-2017

Please cite this article as: {http://dx.doi.org/

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

# Modeling of the hot deformation behavior of a high phosphorus steel using artificial neural networks

Kanchan Singha, S.K.Rajputa,\*, Yashwant Mehtab

<sup>a</sup>Department of Mechanical Engineering Institute of Engineering and Technology, Jhansi 284128, India

<sup>b</sup>Department of Metallurgical and Materials Engineering, Indian Institute of Technology Roorkee, 247667, India

\*Corresponding author. Tel.: +91-510-2320321: Fax: +91-510-2320349

E-mail address: <a href="mailto:raiput\_skumar@rediffmail.com">raiput\_skumar@rediffmail.com</a>

#### **Graphical abstract**

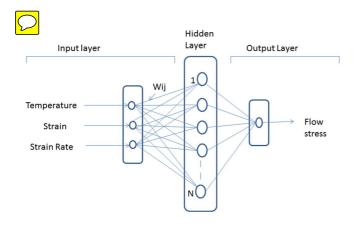


Fig. 1. Artificial neural network model

#### Download English Version:

## https://daneshyari.com/en/article/5455062

Download Persian Version:

https://daneshyari.com/article/5455062

Daneshyari.com