

# Accepted Manuscript

Design of novel age-hardenable aluminium alloy using evolutionary computation

Swati Dey, Partha Dey, Shubhabrata Datta



PII: S0925-8388(17)30442-5

DOI: [10.1016/j.jallcom.2017.02.027](https://doi.org/10.1016/j.jallcom.2017.02.027)

Reference: JALCOM 40755

To appear in: *Journal of Alloys and Compounds*

Received Date: 29 November 2016

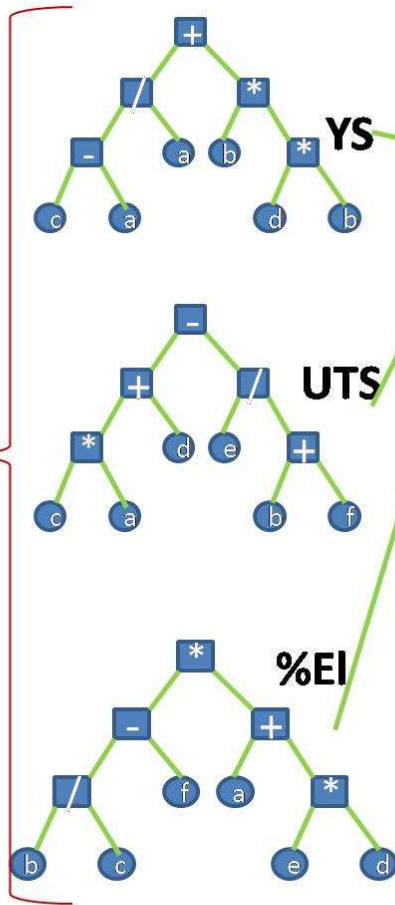
Revised Date: 30 January 2017

Accepted Date: 3 February 2017

Please cite this article as: S. Dey, P. Dey, S. Datta, Design of novel age-hardenable aluminium alloy using evolutionary computation, *Journal of Alloys and Compounds* (2017), doi: 10.1016/j.jallcom.2017.02.027.

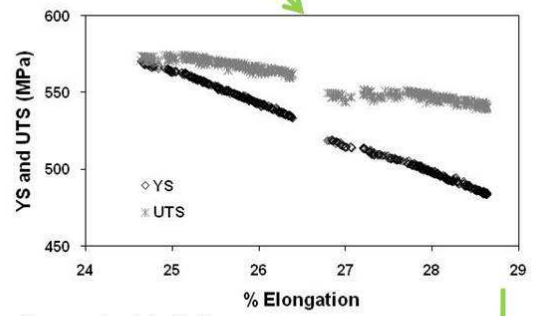
This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please 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.

GP models of the mechanical properties of Al alloys

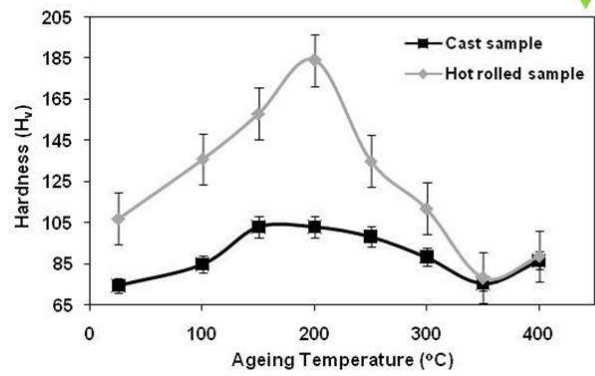


Multi-objective GA  
Maximizing  
YS, UTS & %EI  
of Al alloys

Pareto front



Experimental trial



ACCEPTED

Download English Version:

<https://daneshyari.com/en/article/5460005>

Download Persian Version:

<https://daneshyari.com/article/5460005>

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