

This is a repository copy of *An inverse method for optimizing elastic properties considering multiple loading conditions and displacement criteria*.

White Rose Research Online URL for this paper: http://eprints.whiterose.ac.uk/146264/

Version: Supplemental Material

### Article:

Smyl, D. orcid.org/0000-0002-6730-5277 (2018) An inverse method for optimizing elastic properties considering multiple loading conditions and displacement criteria. Journal of Mechanical Design, 140 (11). 111411. ISSN 1050-0472

https://doi.org/10.1115/1.4040788

© 2018 ASME. This is an author-produced version of a paper subsequently published in Journal of Mechanical Design. Uploaded in accordance with the publisher's self-archiving policy. Article available under the terms of the CC-BY licence (https://creativecommons.org/licenses/by/4.0/).

#### Reuse

Items deposited in White Rose Research Online are protected by copyright, with all rights reserved unless indicated otherwise. They may be downloaded and/or printed for private study, or other acts as permitted by national copyright laws. The publisher or other rights holders may allow further reproduction and re-use of the full text version. This is indicated by the licence information on the White Rose Research Online record for the item.

#### Takedown

If you consider content in White Rose Research Online to be in breach of UK law, please notify us by emailing eprints@whiterose.ac.uk including the URL of the record and the reason for the withdrawal request.





# ASME Accepted Manuscript Repository

## Institutional Repository Cover Sheet

	First	Last
ASME Paper Title:	An inverse method for optimizing elastic properties considering multiple loading conditions and displacement criteria	
Authors:	Smyl, D.	
ASME Journal Title	e: Journal of Mechanical D	esign
Volume/Issue	140/11	Date of Publication (VOR* Online)07/09/2018
ASME Digital Colle	ction URL: http://mechanic	aldesign.asmedigitalcollection.asme.org/article.aspx?articleid=268775
DOI: 10.3	1115/1.4040788	

\*VOR (version of record)