



The Aeronautical Journal – Instructions for Authors

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The review process typically lasts 3-6 months depending on how quickly reviews are obtained and authors can revise their papers.

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The authors should upload their revised paper with highlighted or tracked changes and include a separate list of changes or a rebuttal against each point which has been raised. This will enable the referees to see easily where changes have been made and speed up the review process.

The revised manuscript will be sent back to the original referees. If the referees suggest further improvements to the paper, these will be passed back to the authors and the paper revised again. If the Associate Editor feels, having considered the second reviews, that the authors have not responded adequately to the original reviews of the referees, then the paper will be rejected. Thus, it is essential that all comments are addressed properly by authors. A third referee may be approached if the Associate Editor feels this is appropriate. The Editor ultimately reserves the right to reject a paper on grounds of quality or lack of co-operation from authors.

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Keywords: A minimum of two keywords describing the main subject area(s) covered by the paper should also be given. This will appear in the published paper.

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Order of authors: Names should be presented in the order they should appear on the published paper. Each author's organisation to which they are associated should be included with accompanying address. Please note the authors' organisations and email addresses will be published unless requested not to.

Abstract: An abstract of around 150 words is required which summarises the paper and contains no references.

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Format: The document should be in single column format.

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Introduction: Discuss the raison d'être of the work, including previous work by others and how the work presented aims to advance or complement this.

Equations: Equations must be numbered in brackets ...(1). Each equation should be produced electronically in Word preferably using either Equation Manager or MathType. Variables should be in italics. Constants should be in plain text. Vectors and matrices should be in plain text but bold. Cos, sin, tan should begin in lower case and be in plain text.

Conclusions: This section should be very concise and bullet points are recommended for clarity. The degree to which the aims have been achieved should be portrayed clearly to the reader. Suggestions for future work or comments on work in progress are encouraged.

References: References should be numbered sequentially in the text as they occur and placed at the end of the manuscript. The examples below show how to format article(1), report(2), review(3) and book(4) references. Authors' names should be in small Caps. DOI numbers should be included with references if possible.

Article

1. MILLER, P. and WILSON, M. Wall jets created by single and twin high pressure jet impingement, *Aeronaut J, March 1993, 97, (963), pp 87-100.*

Report

2. GREEN, J.E., WEEKS, D.J. and BROOMAN, J.W.F. Prediction of turbulent boundary layers and wakes in compressible flow, ARC R&M No 3791, 1979.

Review

3. VINCENTY, M. Direct and inverse solutions of geodesics on the ellipsoid with application of nested equations, 1975, Technical Report XXIII, No 176, Survey Review.

Books

4. KING-HELE, D. Satellite Orbits in an Atmosphere, Blackie, Glasgow, UK, 1987.

Appendices: If no suitable reference is available appendices may be used to clarify certain points, such as a step in the theoretical analysis. Appendices may be hosted online as supplementary material if they are not a core part of the submitted paper.

Tables: Tables should have a number and a caption. Each table should be cited in numerical order in the text. See table examples below.

Table 1
Smart materials and their characteristics(13)

Material	Max strain (%)	Max. stress (MPa)	Elastic energy density (J/g)	Max. effic. (%)	Relative speed
Electrostrictor Polymer P (VDF-TrFE)	4	15	0.17	-	Fast
Piezoelectric Ceramic (PZT)	0.2	110	0.013	>90	Fast
Single Crystal (PZN-PT)	1.7	131	0.13	>90	Fast
Polymer (PVDF)	0.1	4.8	0.0013	n/a	Fast
SMA (TiNi)	>5	>200	>15	<10	Slow

Table 2 Derivatives and standard errors (clean)

ê	Linmod	Dif	s(ê)	Rec	s(ê)
Z,	-4.139	-4.173	0.020	-4.115	0.009
z_q	24.33	24.44	0.091	24.27	0.027
Z,	-2.361	-1.726	0.253	-2.352	0.072
m	-4.289	-4.420	0.005	-4.427	0.008
m	-6.035	-6.237	0.015	-6.311	0.025
792	-32.54	-33.27	0.038	-33.30	0.064

Table 3					
Derivatives and standard errors	(noise)	١			

ê	Linmod	Dif	s(ê)	Rec	s(ê)
Z,	-4.139	-4.489	0.174	-3.594	0.297
z_q	24.33	24.17	0.599	23.80	0.622
Z,	-2.361	-2.835	1.327	-3.163	1.419
m,	-4.289	-4.844	0.250	-4.296	0.389
m	-6.035	-2.110	0.935	-3.179	1.081
m	-32.54	-20.58	2.315	-21.44	2.462

Table 4
Frequencies (rad/s) and damping ratios

Method	(G)	(6)	5
Linmod	11.37	10.17	0.4473
Differentiated	11.57	10.34	0.4495
Differentiated noise	11.25	10.75	0.2932
Reconstructed	11.55	10.30	0.4513
Reconstructed noise	10.66	10.11	0.3176

Figures: Text files of the manuscript should clearly state the preferred position of the figures. All figures must be cited within the manuscript and for users of Word, figure captions should be included at the end of the manuscript after the references. References to figures in the text should be referred to as: Fig. 1, Fig. 2 and Fig. 3 or Figure 1 if at the start of a sentence. Figures in an appendix must be numbered separately from those in the main text, eg 'Fig. A1'. To ensure that figures are reproduced to the highest possible standards, Cambridge University Press recommends the following formats and resolutions for supplying electronic figures:

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