

# TITLE – MANUSCRIPT PREPARATION INSTRUCTIONS

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The abstract should be around 300 words long but there is no enforced limit.

## INTRODUCTION

Please use this template to prepare your manuscript. Whilst there is no page limit or word number limit for your paper, please ensure your paper is not excessively long. You can submit your paper directly to the editor (Nicole Kessissoglou) at: n.kessissoglou@unsw.edu.au. The review process can be greatly sped up if you are able to provide the names and email addresses of at least 4 suitable reviewers for your paper.

## SECTION HEADINGS

Major section headings should be in capital letters and Times New Roman with bold font and 12 point size.

### Subheadings

Subheadings are also in Times New Roman bold font 12 point size. Only the first letter of the subheading should be capitalized.

### *sub-subheadings*

Sub-subheadings are in Times New Roman bold italics font 12 point size. Only the first letter in the sub-subheading should be capitalized.

## OTHER IMPORTANT INSTRUCTIONS REGARDING YOUR MANUSCRIPT

There are several other instructions that should be carefully followed:

### Number of pages

There is no page limit for your paper.

### Equations

Equations should be fully justified on the page and numbered consecutively beginning with (1). Equations should be separated from the body text by a single line of spacing, before and after. It is preferred that you use Equation Editor or a

similar program for your equations as well as for the symbols in the main text. In Eq. (1) below,  $p(\mathbf{R})$  is the far-field radiated acoustic pressure at a field point  $\mathbf{R}$ .

$$p(\mathbf{R}) = - \int_S \left( p_s \frac{\partial g(|\mathbf{R} - \mathbf{R}_0|)}{\partial \xi} + \rho_f \ddot{w}g(|\mathbf{R} - \mathbf{R}_0|) \right) dS(\mathbf{R}_0) \quad (1)$$

$$g(|\mathbf{R} - \mathbf{R}_0|) = \frac{-e^{jk_f|\mathbf{R} - \mathbf{R}_0|}}{4\pi|\mathbf{R} - \mathbf{R}_0|} \quad (2)$$

### Tables

Where possible, the text for tables should be in Times New Roman. Table captions should be written with 12 point Times New Roman font and positioned above the table. Single line captions should be centred and multiple line captions should be fully justified.

Table 1. Cylindrical hull parameters

Parameter	Value
diameter, $d$ (m)	6.5
thickness, $h$ (mm)	45
length, $L$ (m)	45
Young's modulus, $E$ (GPa)	200
density, $\rho$ (kg/m <sup>3</sup> )	7800
Poisson's ratio, $\nu$	0.3

### Units

The use of SI units is required. Units should not be in italics.

### Figures

All figures must be individually numbered and captioned. Illustrations must be sharp and clear, including any lettering on the figures. Whilst you may include the figures within your paper for the review process, please provide the figures as separate files in the following format (in order of preference): tiff, eps, pdf, jpg. It is helpful if you provide your figures in

more than one format. For example, if you provide your figures in both eps and tiff format, the format that provides the best resolution during the typesetting process will be used. Figures can be provided in colour.

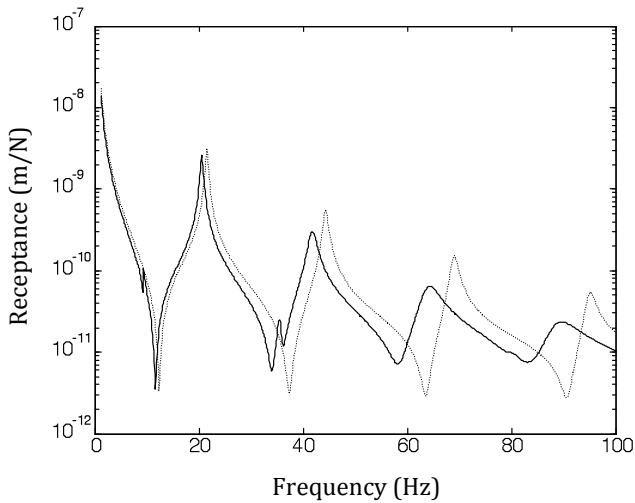


Figure 1. Drive point receptance: cylindrical shell model (—) and 1-D rod model (.....)

## SUMMARY AND CONCLUSION

Following the body of the paper, the last section is normally the **CONCLUSIONS** or **SUMMARY** and should be labelled as such.

## REFERENCES

Examples of the proper format for references are given below. The title of the journal, book or conference proceedings should be in italics. The volume number of a journal paper (i.e., 25 in the first example below) should be in bold font. For citations in the text use square brackets and numbers: [1], [2], [1, 2], [1–4]. The numbering of references should be in ascending order.

## REFERENCES

[1] K.U. Ingard, “On the theory and design of acoustic resonators”, *Journal of the Acoustical Society of America* **25**, 1037-1067 (1953)

[2] A.W. Leissa, *Vibration of shells*, American Institute of Physics, Woodbury, New York, 1993

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[4] J. Pan, N. Farag, T. Lin and R. Juniper, “Propeller induced structural vibration through the thrust bearing”, *Proceedings of Acoustics 2002*, Adelaide, Australia, 13-15 November 2002, pp. 390-399

[5] L.M.B.C. Campos and J.M.G.S. Oliveira, “On sound generation in cylindrical nozzles with non-uniform impedance”, *Proceedings of the Twelfth International Congress on Sound and Vibration (ICSV12)*, Lisbon, Portugal, 11-14 July 2005

[6] T. Evans and J. Cooper, “Comparison of predicted and measured wind farm noise levels and implications for assessments of new wind farm”, *Proceedings of Acoustics 2011*, Gold Coast, Australia, 2-4 November 2011

[7] R.D. O’Neal, R.D. Hellweg Jr. and R.M. Lampeter, “Low frequency noise and infrasound from wind turbines”, *Noise Control Engineering Journal* **59**(2), 135-157 (2011)

[8] P. Gipe, *Wind turbine tower trends*, <http://www.wind-works.org/articles/TowerTrends.html> (last accessed on 18 March 2012)

## Appendix A - Single degree-of freedom Helmholtz resonator

The appendix is located after the references. The appendices should be labelled Appendix A, Appendix B, etc. Equation numbers in the appendices should be (A1), (A2), (B1), etc.

$$g(|\mathbf{R} - \mathbf{R}_0|) = \frac{-e^{jk_f|\mathbf{R} - \mathbf{R}_0|}}{4\pi|\mathbf{R} - \mathbf{R}_0|} \quad (\text{A1})$$