INSTRUCTIONS FOR PRODUCING MANUSCRIPTS USING MS-WORD FOR PUBLICATION IN CONFERENCE BOOKS

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This is where the abstract should be placed. It should consist of one paragraph giving a concise summary of the material in the article below. Replace the title, authors, and addresses with your own title, authors, and addresses. You may have as many authors and addresses as you like. The acknowledgments of funding bodies etc. are to be placed in a separate section at the end of the text.

1. Guidelines

1. Producing Hard Copy Using MS-Word

You can replace our sample text with the text of your own contribution to the proceedings. However we recommend that you keep an initial version of this file for reference. Any text written in red is a sample text only, not related to the guidelines of how to prepare the manuscript.

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Authors' names are set in 9 pt and in upper case. Addresses are in 9 pt italics. The abstract, figure and table captions, as well as tables should be in 9 pt.

It is also important to reproduce the spacing of the text and headings as shown here. Text should be slightly more than single-spaced; use a leading (which is the average distance from the base of one line of text to the base of an adjacent line) of 13 pt. All headings should be separated from the text preceding it by a vertical space of about 12 pt and by 6 pt from the subsequent text.

Paragraphs should have its first line indented by about 0.25 inch except where the paragraph is preceded by a heading and the abstract should be indented on both sides by 0.25 inch from the main body of the text.

2. Headings, Text and Equations

Please preserve the style of the headings, text font and line spacing in order to provide a uniform style for the proceedings volume.

Equations should be centered and numbered consecutively, as in Eq. (1). An alternative method is given in Eq. (2) for long sets of equations where only one referencing equation number is wanted.

3. Sample List

The basic model makes the following assumptions:

1. Environmental fluctuations may have a negative effect on the number of species. This effect is due to physiological stress, which may even cause the extinction of some species.
2. Environmental variability may have a positive effect on richness.
3. Both effects are independent and additive.
4. Both effects, stress and competence, can be represented by average values in two different parameters, which may be considered as constants.

To analyze the model behavior under different scenarios we consider three cases. First, the competitive effect is bigger than the stress one; second, both effects have a similar magnitude; third, the effect of stress is the biggest:

- Environmental fluctuations may have a negative effect on the number of species. This effect is due to physiological stress, which may even cause the extinction of some species.
- Environmental variability may have a positive effect on richness.
- Both effects are independent and additive.
- Both effects, stress and competence, can be represented by average values in two different parameters, which may be considered as constants.

To contrast the model predictions against several sets of field data, we use richness values of benthic communities from Sousa Reis *et al.* (2004), and earthworm richness data of forested soils (Baker, 1999). We fit the model with each data set assuming a normal distribution of errors and minimizing the sum of square deviations (Regan and Waterman, 1978).

4. Tables

The tables are designed to have a uniform style throughout the paper. It does not matter how you choose to place the inner lines of the table, but we would prefer the border lines to be of the style shown in Table 1. For the inner lines of the table, it looks better if they are kept to a minimum.

The caption heading for a table should be placed at the top of the table.

Table 1. First five normalized natural frequencies of a clamped beam with internal hinge at 4 different locations.

	A = 0.56	B = 0.69	C = 0.75	D = 0.100
AB_1	14.0640	18.5620	22.0817	18.90732
AC_2	61.6728	44.7844	44.5884	60.17496
AD_3	88.1380	118.1564	101.2240	120.72693
DB_4	199.8594	173.1269	194.4907	188.75258
DA_5	246.7889	255.9483	284.6633	262.24264

5. Figures/Illustrations

It is best to embed the figures in the text where they are first cited, e.g. see Figure 1. Please ensure that all labels in the figures are legible regardless of whether they are drawn electronically or manually.

Authors are advised to submit TWO versions of their paper(s), with figures in black and white (version 1) as well as in colour (version 2). Please prepare the figures in high resolution (300 dpi) for half-tone illustrations or images. Half-tone pictures must be sharp enough for reproduction, otherwise they will be rejected.

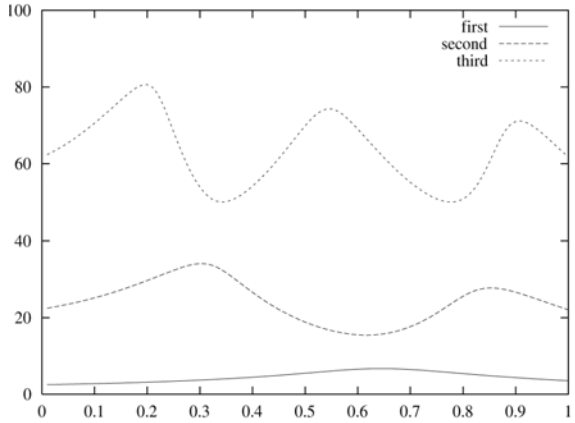

Figure 1. First 3 normalized frequencies versus release location for clamped simply supported beam with internal slide release.

The colour images must be prepared in CMYK (Cyan, Magenta, Yellow and Black). RGB colour images are not acceptable for colour separation.

The caption heading for a figure should be placed below the figure.

6. Limitations on the Placement of Tables, Equations and Figures

Very large figures and tables should be placed on a page by themselves.

7. Acknowledgments, Appendices, Footnotes and the Bibliography

If you wish to acknowledge funding bodies etc., the acknowledgments may be placed in a separate section at the end of the text, before the Appendices.

It is preferable not to have Appendices in a brief article, but if more than one Appendix is necessary then set headings as Appendix A, Appendix B etc.

8. Citation

References in the text should be indicated in the following way: one author (Author, 1999), 2 authors: (Authora & Authorb, 2003), more than 2 authors: (Authora *et al.*, 1977). The name(s) of the author(s) are mentioned in brackets, followed by a comma and the year of publication. The term "*et al.*" must be written in italic. Sort the reference list at the end of the manuscript alphabetically. The reference style is indicated at the end of this template.

9. Final Manuscript

The final soft copy that you submit must be written in MS-Word. The maximal length is 6 (SIX) pages including references and figures. If you want to include colour figures into your paper, please submit 2 versions, one with colour figures, and the other one with BW figures.

2. Sample Mathematical Text

The following may be (and has been) described as 'dangerously irrelevant' physics. The Lorentz-invariant phase space integral for a general n-body decay from a particle with momentum P and mass M is given by:

(1)

The only experiment on since 1976 is that of Bolotov *et al.* (1976). There are two necessary conditions required for any acceptable parameterization of the quark mixing matrix. The first is that the matrix must be unitary, and the second is that it should contain a CP violating phase δ. In Sec. 1.2 the connection between invariants (of form similar to J) and unitarity relations will be examined further for the more general $n \times n$ case. The reason is that such a matrix is not a faithful representation of the group, i.e. it does not cover all of the parameter space available

(2)

where $k = j$ or $j + 1$ and $\beta = \alpha$ or $\alpha + 1$, but if $k = j + 1$, then $\beta \neq \alpha + 1$ and similarly, if $\beta = \alpha + 1$ then $k \neq j + 1$. There are only 162 quark mixing matrices using these parameters which are to first order in the phase variable as is the case for the Jarlskog parameterizations, and for which J is not identically zero. It should be noted that these are physically identical and form just one true parameterization

(3)

1. Acknowledgments

This is where one acknowledges funding bodies etc. Note that section numbers are not required for Acknowledgments, Appendix or References.

2. Appendix

We can insert an Appendix here and includes equations which are numbered as, e.g., Eq. (A.4).

(A.4)

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