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All section heading should be numbered and no more than 3 levels of headings should be used.

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5.3.3 Third Level Headings: The third level section headings should also be in italic font but should end with a colon (:). The text for that section should run on and not start as a new paragraph.

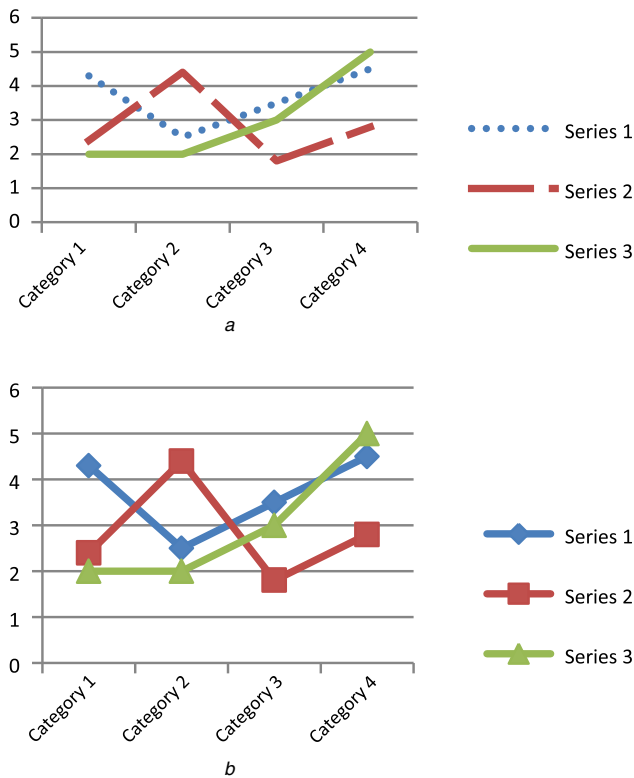


Fig. 1: Sample graph with blue (dotted), green (solid) and red (dashed) lines
a Subfigure 1
b Subfigure 2

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Figures will be reproduced exactly as supplied, with no redrawing or relabelling. It is therefore imperative that the supplied figures are of the highest possible quality. The preferred format is encapsulated postscript (.eps) for line figures and .tif for halftone figures with a minimum resolution of 300 dpi (dots per inch). With larger figures, please note that the editorial office may contact you to revise them to ensure they do not exceed half of a page, or so that they fill the entire page. This is because figures between these two lengths may negatively impact production later.

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Table 1 Example table

Column heading	Column heading two	Column heading three
Row 1a	Row 1b	Row 1c
Row 2a	Row 2b	Row 2c
Row 3a	Row 3b	Row 3c
Row 4a	Row 4b	Row 4c
Row 5a	Row 5b	Row 5c
Row 6a	Row 6b	Row 6c

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Figure captions must be below the figure, in 10pt italic font and should ideally consist of one sentence. If a figure has subfigures, all subfigures should also have a caption and should be identified by letters, e.g. a, b, c, as shown above.

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Tables should be formatted as shown in Table 1 with no column lines unless needed to clarify the content of the table. Row lines can be used to distinguish the column headings from the content of the table. Any tables larger than half a page should be placed in an appendix and the appendix cited within the main body of text eg. "see Appendix 1 for table of results".

If the table has four or five columns it should span the whole width of the page. These should also float to the top or bottom of the page instead of breaking up the main text.

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8 Mathematics and equations

When writing mathematics, avoid confusion between characters that could be mistaken for one another, e.g. the letter 'l' and the number one.

Refer to equations using round brackets, e.g. (1) followed by (2).

$$A = \pi r^2 \quad (1)$$

$$\cos \alpha + \frac{\Delta y}{\Delta x} \cos \beta = 2 \cos \frac{1}{2} (\alpha + \beta) \cos \frac{1}{2} \sum \left(\alpha \frac{dy}{dx} - \beta \right) \quad (2)$$

Equations should be capable of fitting into a two-column print format. If they do not fit into one column they should be floated to the bottom of the page or top of the next and cited in the text by "(see (3))". All large equations must be numbered in order to avoid confusion between floated equations and they cannot exceed a width of 17.5cm.

Vectors and matrices should be in bold italic and variables in italic.

If your paper contains superscripts or subscripts, take special care to ensure that the positioning of the characters is unambiguous.

Exponential expressions should be written using superscript notation, i.e. 5×10^3 not 5E03. A multiplication sign should be used, not a dot.

Inline equations can be used but if the equation is longer than a line it will need to be broken up in a suitable location to ensure the line spacing is not too large $a^2 + b^2 = c^2$.

9 Page Numbers and Footers

Page numbers should be used on all pages. Footers are not in IET's house style so must not be used. If they are used they will be moved to within the text at the typesetting stage.

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Submissions should always include the following sections: an abstract; an introduction; a conclusion and a references section. If any of the above sections are not included the paper will be unsubmitted and you will be asked to add the relevant section.

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Acknowledgements should be placed after the conclusion and before the references section. This is where reference to any grant numbers or supporting bodies should be included. The funding information should also be entered into the first submission step on Manuscript Central which collects Fundref information [4].

Please note that the IET does not include author biographies in published papers.

12 References

An average research paper should reference between 20 and 30 works, the bulk of which should be recently published (i.e. within the last five years) leading-edge articles in the field, preferably from top journals or conferences. You should compare your own findings to this recent research and demonstrate how your work improves on it in order to demonstrate that your work shows a significant advance over the state of the art – a pre-requisite for publication in IET Research Journals.

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Do not include references for papers that have been submitted and not accepted for publication. Papers that have been accepted for publication are allowed as long as all information is provided.

Please provide all author name(s) and initials, title of the paper, date published, title of the journal or book, volume number, editors (if any), and finally the page range. For books and conferences, the town of publication and publisher (in parentheses) should also be given.

If the number of authors on a reference is greater than three please list the first three authors followed by *et al.* The reference list should be uninterrupted by figures, tables or equations.

Example References

12.2 Websites

[1] 'Author Guide - IET Research Journals', <http://digital-library.theiet.org/journals/author-guide>, accessed 27 November 2014

[2] 'Research journal length policy', http://digital-library.theiet.org/files/research_journals_length_policy.pdf, accessed 27 November 2014

12.3 Patent

[3] 'ORCID: Connecting research and researchers', <http://orcid.org/>, accessed 3 December 2014

[4] 'Fundref', <http://www.crossref.org/fundref/>, accessed 4 December 2014

12.4 Journal articles

[5] Smith, T., Jones, M.: 'The title of the paper', IET Syst. Biol., 2007, 1, (2), pp. 1–7

[6] Borwn, L., Thomas, H., James, C., et al.: 'The title of the paper', IET Communications, 2012, 6, (5), pp 125-138

12.5 Conference Paper

[7] Jones, L., Brown, D.: 'The title of the conference paper'. Proc. Int. Conf. Systems Biology, Stockholm, Sweden, May 2006, pp. 1–7

12.6 Book, book chapter and manual

[8] Hodges, A., Smith, N.: 'The title of the book chapter', in Brown, S. (Ed.): 'Handbook of Systems Biology' (IEE Press, 2004, 1st edn.), pp. 1–7

[9] Harrison, E.A., and Abbott, C.: 'The title of the book' (XYZ Press, 2005, 2nd edn. 2006)

12.7 Report

[10] IET., 'Report Title' (Publisher, 2013), pp. 1-5

[11] Brown, F.: 'The title of the patent (if available)'. British Patent 123456, July 2004

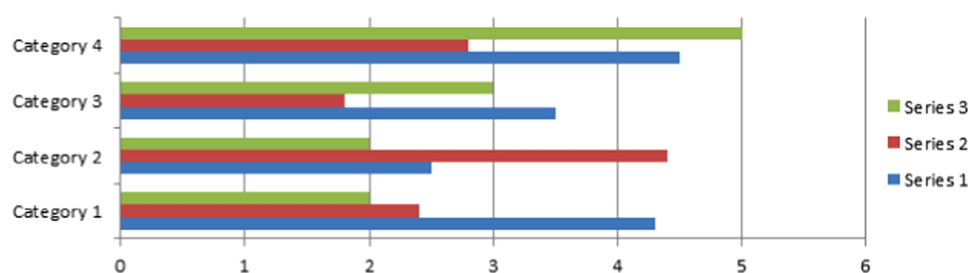


Fig. 2: Sample graph spanning two columns

$$f(x) = a_0 + \sum_{n=1}^{\infty} \left(a_n \cos \frac{n\pi x}{L} + b_n \sin \frac{n\pi x}{L} \right) + f(x) = a_0 + \sum_{n=1}^{\infty} \left(a_n \cos \frac{n\pi x}{L} + b_n \sin \frac{n\pi x}{L} \right) \quad (3)$$

[12] Smith, D., Hodges, J.: British Patent Application 98765, 1925

12.8 Thesis

[13] Abbott, N.L.: 'The title of the thesis'. PhD thesis, XYZ University, 2005

12.9 Standard

[14] BS1234: 'The title of the standard', 2006

13 Appendices

Additional material, e.g. mathematical derivations, tables and figures larger than half a page that may interrupt the flow of your paper's argument should form a separate Appendix section (see Table 2). Do not, however, use appendices to lengthen your article unnecessarily as this section is included in the word count. If the material can be found in another work, cite this work rather than reproduce it. The appendix section should be in double column format, and come after the references.

Table 2 Example of large table

Column heading 1	Column heading 2	Column heading 3	Column heading 4
Result 1	123	123	123
Result 2	123	123	123
Result 3	123	123	123
Result 4	123	123	123
Result 5	123	123	123
Result 6	123	123	123
Result 7	123	123	123
Result 8	123	123	123