

EXAMPLE PAPER: A GENERAL MODEL OF INFORMATION TRANSFER

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KEYWORDS

Model, π in the C-Ky, X-Y-Z Analysis.

ABSTRACT

Begin each paper with an abstract (100-200 words) that summarises the topic and important results presented in the paper. It should start in the left column, approximately 7cm from the top edge of the paper, and 2cm from the left edge. Include the abstract heading as shown. Use the bold version of your font and type in caps. Skip a line space, then begin the abstract at the left margin. The abstract should preferably not contain formulas, pictures, or references.

PREPARING THE REMAINING PAGES

For the remaining pages follow the general guidelines below:

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Type in capitals, beginning flush with left-hand margin. Use a bold font. Skip half a line space, then begin.

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Capitalise the first letter of each word, beginning flush with left-hand margin. Use a bold font. Skip half a line space, then begin.

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Try to avoid secondary subheadings as much as possible. These should not be necessary in a 7- or 10-page paper. Use the standard font or the italic version of the font (in this case Times Italic 10). Capitalise the first letter of each word. Text follows on the next line, do not skip a line space.

MATHEMATICAL NOTATIONS AND EQUATIONS

Each displayed equation should be preceded and followed by a half blank line. Display only the most important equations and number only the displaced equations that are explicitly referenced within the text. Within the display enclose the equation number in

parentheses and place it flush with the right-hand margin of the column, for example:

$$x(t) = A(t)x(t) + w(t) + u(t) \quad (1)$$

Within the text each reference to an equation number should also be enclosed in parentheses as in this reference to Equation (1) above. The equation should preferably also be 10 points.

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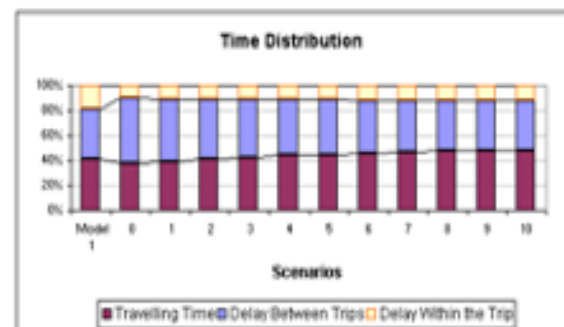


Figure 1: Capitalise Caption with No-Period.

Tables should appear in the document following the paragraph in which the table is first referenced. Centre

Table 1: Capitalise Caption with No-Period

mg \ R	3	5	10
5	0,10	0,20	0,05
10	0,15	0,40	0,10
20	0,20	0,80	0,15
30	0,25	1,60	0,20
40	0,30	3,20	0,25
50	0,35	6,40	0,30
60	0,40	12,80	0,35

the table number and the caption above the table using the following format.

Captions for figures and tables should be written in heading style. That means only important words are capitalised.

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Do not use footnotes or endnotes, instead incorporate such material into the text directly or parenthetically. If you want to acknowledge a grant or support, include an extra acknowledgements section at the end of the paper.

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In text, references should be cited by the last name of the author and the year of publication, all in parentheses. The Reference List should be organised alphabetically by the name of the author, followed by the author's initials, year of publication, and other complete information about the published work. It may not be numbered. Only references that may be readily obtained should be cited in the list. Others may be referred to as "personal communication" in the text. In the reference list, multiple entries with the same author are arranged chronologically. Italicise the name of the publication in which the article is found, or the title itself if a separate publication. For laboratory, company, or government reports, all information on how to obtain the report should be included. For Ph.D. and M.S. theses, the institutions granting the degree should be given. References to proceedings must include the full name of the proceedings, how to obtain it, year of publication, and page numbers of article cited. A reference to part of a book must include the range of pages in which the material is cited. Names of peri-

odicals must be written out in full, and the range of pages cited. Citing websites as references should not be done.

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In text:

- (Balci, 1985) – one author
- (Balci and Sargent, 1981) – two authors
- (Felker et al., 1980) – more than two authors
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References

- O. Balci. Guidelines for successful simulation studies. Technical Report TR-85-2, Department of Computer Science, Virginia Tech, Blacksburg, VA, Nov 1985.
- O. Balci and R.G. Sargent. A methodology for cost-risk analysis in the statistical validation of simulation models. *Communications of the ACM*, 24 (4):190–197, 1981.
- O. Balci and R.G. Sargent. Validation of multivariate response trace-driven simulation models. In A.K. Agrawalla and S.K. Tripathi, editors, *Performance 1983*, pages 309–323. North-Holland, 1983.
- D.B. Felker, F. Pickering, V.R. Holland, and W.L. Harper. *Data Processing Documentation Standards, Procedures and Applications*. Prentice-Hall, Englewood Cliffs, NJ, 1980.
- S.L. Gass. Computer model documentation. In *Proceedings of the 1978 Winter Simulation Conference*, pages 281–287, Piscataway, NJ, Dec. 4–6 1978. IEEE.
- S.W. Hawking. The Unpredictability of Quantum Gravity. *Communications in Mathematical Physics*, 87:395–415, 1982a. doi: <https://doi.org/10.1007/BF01206031>.
- S.W. Hawking. The development of irregularities in a single bubble inflationary universe. *Physics*

Letters B, 115(4):295–297, 1982b. doi: [https://doi.org/10.1016/0370-2693\(82\)90373-2](https://doi.org/10.1016/0370-2693(82)90373-2).

D.L. Inglehart and G.S. Shedler. Simulation output analysis for local areas computer networks. Research Report RJ 4020 (45068), Research Division, IBM, San Jose, CA, Sep 1983.

National Bureau of Standards. Guidelines for documentation of computer programs and automated data systems. Federal Information Processing Standards Publication 38, Government Printing Office, Washington, D.C., Feb 1976.

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3. If your paper describes **an application example**, always point out the **methods and techniques** you used to get the results that are described in the paper. Add screen-dumps if possible. Literature references might be sufficient.
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JOHN J. SMITH was born in Antwerp, Belgium and went to the Free University of Brussels, where he studied chemical technology and obtained his degree in 1973. He worked for a couple of years for the Brussels Chemical Company Actin before moving in 1986 to the University of Anytown where he is now leading a large research group in the field of simulation for X-Y-Z Analysis. His e-mail address is: JJSmith@anytown.com and his web page can be found at <http://www.anytown.com/~smith>.

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