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Abstract

The abstract should summarize the context, content and conclusions of the paper in 150–200 words. It should not contain any references or displayed equations. Typeset the abstract in 10 pt Times Italic with baselineskip of 11 pt, and indentation of 1 em for each paragraph.

1 General Appearance

Contributions to the *Symposium on Document Image Understanding Technology '99* will be reproduced by photographing the author's submitted original, typeset manuscript. It is therefore essential that the manuscript be in its final form, and of good appearance. The manuscript should also be clean and unfolded and unstapled. The copy should be evenly printed on a high resolution printer (300 dots/inch or higher).

For those using LaTeX to prepare their submissions, a style file is available via ftp from *documents.cfar.umd.edu* in the directory *pub/sdiut99* or at url *http://documents.cfar.umd.edu/SDIUT*. The name of the file is "sdiut.sty". A similar style sheet has been prepared for use with MS Word (prepared using MSW 5.1 on a Mac).

2 The Main Text

Contributions are to be in English. Authors are encouraged to have their contribution checked for grammar. American spelling should be used. Abbreviations are allowed but should be spelled out in full when first used. Integers ten and below are to be spelled out when used as adjectives.

If a contribution contains previously published material, it must be accompanied by written permission from the author and publisher.

The text is to be typeset in 10 pt Times Roman, single spaced with 11 pt leading. The physical page layout is: top margin = 0.625 inches (except for the first page which gets an additional 0.375 inches so that the title begins 1 inch below the top edge of the page); side and bottom margins = 1 inch; overall text width = 6.5 inches; column separation = 0.25 inches; column width = 3.125 inches; and total text height = 9.375 inches. Title and author information should span both columns at the top of the first page. Final pagination will be done by the publisher. Number each page of the manuscript lightly on the back with a blue pencil; include the last name of the first author and (e.g.) page 1 of 6.

3 Major Headings

Major headings (sections, sub-sections, and sub-subsections) should be typeset in boldface with the first letters of important words capitalized and set in 12 pt type with 14 pt leading. The first paragraph of each section should be set flush left (no indent).

4 Numbering and Spacing

Sections, sub-sections and sub-subsections are numbered in arabic, with decimal numbering of sub- and sub-subsections as illustrated in this example.

4.1 Equations

Displayed equations should be numbered consecutively, with the number set flush right and enclosed in parentheses.

$$\mu(n,t) = \frac{\sum_{i=1}^{\infty} 1(d_i < t, N(d_i) = n)}{\int_{\sigma=0}^{t} 1(N(\sigma) = n) d\sigma} \tag{1}$$

Equations should be referred to in abbreviated form, e.g. "Eq. (1)" or "(1)". In multiple-line equations, the number should be given on the last line.

Displayed equations are to be centered on the column width. Standard English letters like x are to appear as x (italicized) in the text if they are used as mathematical symbols. Punctuation marks are used at the end of equations as if they appeared directly in the text.

4.2 Figures and Tables

Figure and table captions are to be set in justified block paragraphs if the label and caption are longer than one line in length; if they are less than one line in length, they are to be centered within the column. Where necessary to accommodate figures or tables that are wider than a single column, they can be

Table 1: Structure and motion parameter estimates for the Forward sequence.

Feature point	Estimated structure	Estimated velocities		
1	-4.414 0.527 22.338	Rotational (radians)		
2	-2.170 2.953 22.588	-0.0002	-0.0002	-0.0001
3	-0.804 1.916 22.372	Translational		
4	4.168 0.542 26.788	0.0052	0.0009	0.1848

centered above both columns, with the captions also spanning both columns.

4.2.1 Figures

Figures are to be inserted in the text as close as possible after their first reference. Figures are to be sequentially numbered in arabic numerals. The caption must be placed below the figure; typeset in 10 pt Times Roman with 11 pt leading.

4.2.2 Tables

Tables should be inserted in the text as close to their point of reference as possible. One space should be left above and below the table. Tables should be numbered sequentially in arabic numerals. Captions are to be placed above the tables, typeset captions in 10 pt Times Roman with 11 pt leading.

Table 2: Motion parameter estimates for the UMASS Rocket sequence.

	Estimated rotational velocity			Estimated translational velocity		
Cone	-0.00017	0.01027	0.00021	0.00253	-0.00800	0.03347
Box	0.00414	-0.00341	0.00013	0.01251	-0.00683	0.04216

4.3 References

References in the text are to be numbered consecutively in arabic numerals, in order of first appearance. They are to be cited within square brackets before punctuation marks, e.g. [1]. References are to be listed in the order cited in the text. Use the style shown in the following examples. For journal names, use standard abbreviations. Typeset the references in 10 pt Times Roman.

4.4 Footnotes

Footnotes should be numbered sequentially in superscript arabic numerals and, if applicable, should immediately follow punctuation marks.[1]

Acknowledgements

This section should come before the References. Funding information may also be included here.

[1] Footnotes should be typeset in 9 pt Times Roman at the bottom of the page.

References

[1] R. Lorentz and D.B. Benson, Deterministic and nondeterministic flow-chart interpretations, *J. Comput. System Sci.* **27** (1983) 400–433.

[2] M.J. Beeson, *Foundations of Constructive Mathematics* (Springer, Berlin, 1985).

[3] K.L. Clark, Negations as failure, in *Logic and Data Bases*, H. Gallaire and J. Winker, eds. (Plenum Press, New York, 1973) 293–306.

[4] M. Joliat, A simple technique for partial elimination of unit productions from LR(k) parsers, *IEEE Trans. Comput.* **27** (1976) 753–764.

[5] D. Dolve, Unanimity in an unknown and unreliable environment, in *Proc. 22nd Annual Symposium on Foundations of Computer Science*, Nashville, TN, Oct. 1981, 159–168.

[6] R. Tamassia, C. Batini and M. Talamo, An algorithm for automatic layout of entity relationship diagrams, in *Entity-Relationship Approach to Software Engineering, Proc. 3rd Int. Conf. on Entity-Relationship Approach*, C.G. Davis, S. Jajodia, P.A. Ng and R.T. Yeh, eds. (North-Holland, Amsterdam, 1983) 421–439.

[7] W.L. Gewirtz, Investigations in the theory of descriptive complexity, Ph.D. Thesis, New York University, 1974.

Appendix A

Appendices should come after the References. If there are two or more appendices, number them alphabetically. Number displayed equations occurring in an Appendix (A.1), (A.2), etc.