

TEMPLATES FOR DAFX-07, BORDEAUX, FRANCE

The DAFx Crew and All Their Friends,^{*}

LaBRI
Bordeaux, France
dafx07@labri.fr

The Previous DAFx Crew,[†]

Reading Group, Dept. of Reading Sciences
Univ. of Universe, Sun
dafx07@labri.fr

Mary Goround,[‡]

Spinning Group, Dept. of Turning Sciences
Univ. of Planets, Mars
dafx07@labri.fr

ABSTRACT

This is the template file for the proceedings of the 10th International Conference on Digital Audio Effects (DAFx-07). This template has been generated from WASPAA'99 templates and aims at producing conference proceedings in electronic form. The format is essentially the one used for ICASSP conferences.

Please use either this L^AT_EX or the accompanying Word formats when preparing your submission. The templates are available in electronic form on the following website:
<http://dafx.labri.fr/>. Thanks!

1. INTRODUCTION

This template can be found on the conference website.

1.1. Figures

All figures should be centered on the column (or page, if the figure spans both columns). Figure captions (in *italic*) should follow each figure and have the format given in Figure 1. Figures must be

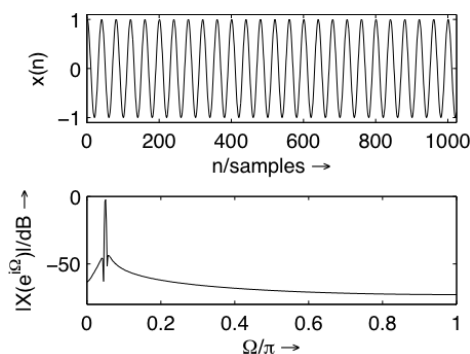


Figure 1: *Sinusoid in time and frequency domain.*

vectorial (no screen copy, no bitmap, etc). For example when using

^{*} This work was supported by the XYZ Foundation

[†] This guy is a very good fellow

[‡] She is a member of the Wheel Association

Matlab, export using either Postscript or PDF format. Also, in order to provide a better readability, figure text font size should be at list identical to footnote font size. To do so using Matlab, use the `subplot` command before plotting.

1.2. Tables

As for figures, all tables should be centered on the column (or page, if the table spans both columns). Table captions should be in *italic*, follow each table and have the format given in Table 1.

angle (θ , rad)	$\sin \theta$
$\frac{\pi}{2}$	1
π	0
$\frac{3\pi}{2}$	-1
2π	0

Table 1: *Basic trigonometric values.*

1.3. Equations

Equations should be placed on separate lines and numbered:

$$X(e^{j\Omega}) = \sum_{n=0}^{N-1} x(n)e^{-j\Omega n} \quad (1)$$

where the sequence $x(n)$ in equation (1) is a windowed frame:

$$x(n) = s(n) \cdot w(n) \quad (2)$$

with a window function $w(n)$.

1.4. Page Numbers

Page numbers will be added to the document electronically, so *please leave the numbering as is*, that is, the first page will start at page DAFX-1 and the last page, at most, will have to be DAFX-6 for the submission of papers for an oral presentation or DAFX-4 in the case of a poster presentation.

1.5. References

The references will be numbered in order of appearance [1], [2], [3] and [4]. Please avoid listing references that do not appear in the text (we did the opposite in this template).

Submission is fully electronic and automated through the Conference Web Submission System. DO NOT send us papers directly by e-mail.

Many thanks to the great number of anonymous reviewers!

- [1] S. K. Mitra and J. F. Kaiser, Eds., *Handbook for Digital Signal Processing*, J. Wiley & Sons, 1993.
- [2] Simon Haykin, *Adaptive Filter Theory*, Prentice Hall, Englewood Cliffs, second edition, 1991.
- [3] James A. Moorer, "Audio in the new millennium," *Journal of the AES*, vol. 48, no. 5, pp. 490–498, May 2000.
- [4] D. Arfib, "Different ways to write digital audio effects programs," in *Proc. of the COST-G6 Workshop on Digital Audio Effects (DAFx-98)*, Barcelona, Spain, 1998, pp. 188–91.
- [5] X. Serra, *Musical Signal Processing*, chapter Musical Sound Modeling with Sinusoids plus Noise, pp. 91–122, G. D. Poli and A. Picialli and S. T. Pope and C. Roads Eds. Swets & Zeitlinger, 1996.
- [6] A. Askenfelt, "Automatic notation of played music (status report)," Tech. Rep., STL-QPSR, Vol. 1, pp. 1–11, 1976.
- [7] E. B. Egozy, "Deriving musical control features from a real-time timbre analysis of the clarinet," M.S. thesis, Massachusetts Institut of Technology, 1995.
- [8] P. Dutilleux, *Vers la machine à sculpter le son, modification en temps-réel des caractéristiques fréquentielles et temporelles des sons*, Ph.D. thesis, University of Aix-Marseille II, 1991.
- [9] K. Fitz and L. Haken, "Current Research in Real-time Sound Morphing," Available at <http://www.cerl-soundgroup.org/RealTimeMorph/>, Accessed March 08, 2006.

This section shows the column margins for pages other than the first one.