

# Bare Demo of IEEEtran.cls for IEEE Conferences

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where an .eps filename suffix will be assumed under latex,  
and a .pdf suffix will be assumed for pdflatex; or what has  
been declared via

Fig. 1. Simulation results for the network.

**Abstract**—The abstract goes here.

## I. INTRODUCTION

This demo file is intended to serve as a “starter file” for  
IEEE conference papers produced under L<sup>A</sup>T<sub>E</sub>X using IEEE-  
tran.cls version 1.8b and later. I wish you the best of success.

mds  
August 26, 2015

### A. Subsection Heading Here

Subsection text here.

1) *Subsubsection Heading Here*: Subsubsection text here.

An example of a floating figure using the graphicx package.  
Note that ust occur AFTER (or within) . For figures, should  
occur after the Note that IEEEtran v1.7 and later has special  
internal code that is designed to preserve the operation of  
ithin even when the captionsoff option is in effect. However,  
because of issues like this, it may be the safest practice to put  
all your ust after rather than within .

Reminder: the “draftcls” or “draftclsnofoot”, not “draft”,  
class option should be used if it is desired that the figures are  
to be displayed while in draft mode.

Note that the IEEE typically puts floats only at the top,  
even when this results in a large percentage of a column being  
occupied by floats.

An example of a double column floating figure using two  
subfigures. (The subfig.sty package must be loaded for this to  
work.) The subfigure ommands are set within each subfloat  
command, and the or the overall figure must come after . is  
used as a separator to get equal spacing. Watch out that the  
combined width of all the subfigures on a line do not exceed  
the text width or a line break will occur.

Note that often IEEE papers with subfigures do not employ  
subfigure captions (using the optional argument to []), but  
instead will reference/describe all of them (a), (b), etc., within  
the main caption. Be aware that for subfig.sty to generate the

if using array.sty, it might be a good idea to tweak the value of as needed to  
properly center the text within the cells

TABLE I  
AN EXAMPLE OF A TABLE

One	Two
Three	Four

(a), (b), etc., subfigure labels, the optional argument to must  
be present. If a subcaption is not desired, just leave its contents  
blank, e.g., [].

An example of a floating table. Note that, for IEEE style  
tables, the command should come BEFORE the table and,  
given that table captions serve much like titles, are usually  
capitalized except for words such as a, an, and, as, at, but, by,  
for, in, nor, of, on, or, the, to and up, which are usually not  
capitalized unless they are the first or last word of the caption.  
Table text will default to as the IEEE normally uses this smaller font  
for tables. The ust come after as always.

## II. CONCLUSION

The conclusion goes here.

## REFERENCES

- [1] H. Kopka and P. W. Daly, *A Guide to L<sup>A</sup>T<sub>E</sub>X*, 3rd ed. Harlow, England:  
Addison-Wesley, 1999.

(a)  
Case  
I

(b)  
Case  
II

Fig. 2. Simulation results for the network.