Manuscript Title First Line
Second Line

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***Abstract*—**
Insert abstract text here.

I. Package options

- `\usepackage{l16cn}`: default
- `\usepackage[nopic]{l16cn}`: hide pictures (for faster compilation)
- `\usepackage[nohl]{l16cn}`: hide highlights
- `\usepackage[draft]{l16cn}`: add "Confidential" watermark

II. File structure

- Main file: `journal_template.tex`
- Sub-files:
  - Body: `text.tex`
  - Abstract: `abstract.tex`
  - Glossary: `definitions.tex`
  - Bibliography: `references.bib`

III. Notation

`definitions.tex` contains all the definitions, acronyms, and notations. Use `\gls{ }` for repeated glossary, acronym, and notation items, e.g., use `\gls{abm}` for the first time, you get "agent-based model (ABM)." Use it again, you get "ABM." Similarly, you can use it on glossary items (e.g., use `\glspl{al}` for plural "artificial lives") and mathematical notations (e.g., use `\gls{state}` or `$\gls{state}$` for x).

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IV. Multi-line equation

Proper way to handle multi-line equations:

```
\begin{equation}
  \begin{aligned}
    x(t+1)&=Ax(t)+Bu(t)+\omega(t),\\
    y(t)&=Cx(t)+Du(t)+\nu(t).
  \end{aligned}
\end{equation}
```

See output:

$$\begin{aligned} x(t+1) &= Ax(t) + Bu(t) + \omega(t), \\ y(t) &= Cx(t) + Du(t) + \nu(t). \end{aligned} \tag{1}$$

V. Figure

Insert figure (below) and hide figure with the `nopic` option.

Fig. 1: Dice

```
\begin{figure}[htbp]
   \centering
   \includegraphics
    [width=\linewidth]{fig/download/dice.png}
   \caption{Dice}
   \label{fig:dice}
\end{figure}
```

VI. Highlight

You can highlight certain words with the `\hl{ }` code. You can also change certain words to red with the `\red{ }` code. To hide the highlight, use the `nohl` package option.

VII. Citation

`references.bib` contains all the references. Use `\cite{ }` for journal and `\citep{ }` for book. For instance, `\cite{galton1907vox}` would return a numbered citation like this: [1]. Numbered citations should be good for most journals.

VIII. Root

Insert the following at the beginning of every sub-file (replace `<main file name>`) with the main file name you use:

```
% !TEX root =  <main file name>.tex
```

For instance, if your main file is `journal_main.tex`, write the following at the first line of every sub-file:

```
% !TEX root =  journal_template.tex
```

References

[1] F. Galton, "Vox populi (the wisdom of crowds)," *Nature*, vol. 75, pp. 450–451, 1907.