

# Manuscript Title First Line

## Second Line

Author 1, Author 2, and Corresponding Author\*

**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_main.tex`
- Sub-files:
  - Abstract: `abstract.tex`
  - Glossary: `definitions.tex`
  - Bibliography: `references.bib`
  - Main text: `text.tex`

### 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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Author 1, Affiliation, Email

Author 2, Affiliation, Email

Corresponding Author\* (to whom correspondence should be addressed), Affiliation, Email

### 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:

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

### V. FIGURE

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



Fig. 1: Dice

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

## VI. HIGHLIGHT

You can **highlight** certain words with the `\hl{ }` 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_main.tex
```

## REFERENCES

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