

# Article title article title article title

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## First Author

Department, University, Street, City, State ZIP, Country

2  
3

first.author@univ.edu

4

<https://orcid.org/0000-0002-1010-2288>

5

## Second MidName Author

Department, Company, Street, City, State ZIP, Country

6  
7

second.author@company.com

8

## Third Author

Department, Organization, Street, City, State ZIP, Country

9  
10

Department, University, Street, City, State ZIP, Country

11

third.author@org.org

12

<https://orcid.org/0000-0001-1015-3377>

13

## Fourth Author

Department, Institute, Street, City, State ZIP, Country

14  
15

fourth.author@inst.edu

16

## Fifth Author (Corresponding Author)

Department, University, Street, City, State ZIP, Country

17  
18

user\_id@univ.edu

19

<https://orcid.org/0000-0003-1025-5678>

20

## Abstract

21

Abstracts must be able to stand alone and so cannot contain citations to the paper's references, equations, etc. An abstract must consist of a single paragraph and be concise. Because of online formatting, abstracts must appear as plain as possible. Three to six keywords must be included. Each keyword should not exceed three words.

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**Keywords:** keyword1, keyword2, keyword3, keyword4, keyword5, keyword6.

27

## Nomenclature

28

$T$  Temperature (K)

$u_i$  Velocity in the x-direction (m/s)

$\tau_{ij}$  Shear stress (N/m<sup>2</sup>)

$\omega$  Specific turbulent dissipation rate (1/s)

$Y_\omega$  Dissipation of  $\omega$

# 1. Introduction

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Your introduction goes here! Simply start writing your document and use the Recompile button to view the updated PDF preview. Examples of commonly used commands and features are listed below to help you get started. Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

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This is an example of a new paragraph with a numbered footnote<sup>1</sup> and a second footnote marker.<sup>2</sup>

## 2. Example of First Level Head - Section Head

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Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetur adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.

Quisque ullamcorper placerat ipsum. Cras nibh. Morbi vel justo vitae lacus tincidunt ultrices. Lorem ipsum dolor sit amet, consectetur adipiscing elit. In hac habitasse platea dictumst. Integer tempus convallis augue. Etiam facilisis. Nunc elementum fermentum wisi. Aenean placerat. Ut imperdiet, enim sed gravida sollicitudin, felis odio placerat quam, ac pulvinar elit purus eget enim. Nunc vitae tortor. Proin tempus nibh sit amet nisl. Vivamus quis tortor vitae risus porta vehicula.

### 2.1 How to create sections and subsections

58

Simply use the section and subsection commands, as in this example document! With Overleaf, all the formatting and numbering is handled automatically according to the template you've chosen. If you're using the Visual Editor, you can also create new sections and subsections via the buttons in the editor toolbar.

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<sup>1</sup><https://data.gov.uk/>

<sup>2</sup>Example of footnote text.

## **2.2 This is an example of second level head - subsection head** 63

Fusce mauris. Vestibulum luctus nibh at lectus. Sed bibendum, nulla a faucibus semper, leo velit ultricies tellus, ac venenatis arcu wisi vel nisl. Vestibulum diam. Aliquam pellentesque, augue quis sagittis posuere, turpis lacus congue quam, in hendrerit risus eros eget felis. Maecenas eget erat in sapien mattis porttitor. Vestibulum porttitor. Nulla facilisi. Sed a turpis eu lacus commodo facilisis. Morbi fringilla, wisi in dignissim interdum, justo lectus sagittis dui, et vehicula libero dui cursus dui. Mauris tempor ligula sed lacus. Duis cursus enim ut augue. Cras ac magna. Cras nulla. Nulla egestas. Curabitur a leo. Quisque egestas wisi eget nunc. Nam feugiat lacus vel est. Curabitur consectetur. 72

### **2.2.1 This is an example of third level head - subsubsection head** 73

Suspendisse vel felis. Ut lorem lorem, interdum eu, tincidunt sit amet, laoreet vitae, arcu. Aenean faucibus pede eu ante. Praesent enim elit, rutrum at, molestie non, nonummy vel, nisl. Ut lectus eros, malesuada sit amet, fermentum eu, sodales cursus, magna. Donec eu purus. Quisque vehicula, urna sed ultricies auctor, pede lorem egestas dui, et convallis elit erat sed nulla. Donec luctus. Curabitur et nunc. Aliquam dolor odio, commodo pretium, ultricies non, pharetra in, velit. Integer arcu est, nonummy in, fermentum faucibus, egestas vel, odio. 80

### **This is an example of fourth level head - paragraph head** 81

Sed commodo posuere pede. Mauris ut est. Ut quis purus. Sed ac odio. Sed vehicula hendrerit sem. Duis non odio. Morbi ut dui. Sed accumsan risus eget odio. In hac habitasse platea dictumst. Pellentesque non elit. Fusce sed justo eu urna porta tincidunt. Mauris felis odio, sollicitudin sed, volutpat a, ornare ac, erat. Morbi quis dolor. Donec pellentesque, erat ac sagittis semper, nunc dui lobortis purus, quis congue purus metus ultricies tellus. Proin et quam. Class aptent taciti sociosqu ad litora torquent per conubia nostra, per inceptos hymenaeos. Praesent sapien turpis, fermentum vel, eleifend faucibus, vehicula eu, lacus. 89

## **3. Example of First Level Head** 90

### **3.1 This is an example of second level head - subsection head** 91

#### **3.1.1 This is an example of third level head - subsubsection head** 92

Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Donec odio elit, dictum in, hendrerit sit amet, egestas sed, leo. Praesent feugiat sapien aliquet odio. Integer vitae justo. Aliquam vestibulum fringilla lorem. Sed neque lectus, consectetur at, consectetur sed, eleifend ac, lectus. Nulla facilisi. Pellentesque 96

eget lectus. Proin eu metus. Sed porttitor. In hac habitasse platea dictumst. Suspendisse eu lectus. Ut mi mi, lacinia sit amet, placerat et, mollis vitae, dui. Sed ante tellus, tristique ut, iaculis eu, malesuada ac, dui. Mauris nibh leo, facilisis non, adipiscing quis, ultrices a, dui. 100

#### This is an example of fourth level head - paragraph head 101

Morbi luctus, wisi viverra faucibus pretium, nibh est placerat odio, nec commodo wisi enim eget quam. Quisque libero justo, consectetuer a, feugiat vitae, porttitor eu, libero. Suspendisse sed mauris vitae elit sollicitudin malesuada. Maecenas ultricies eros sit amet ante. Ut venenatis velit. Maecenas sed mi eget dui varius euismod. Phasellus aliquet volutpat odio. Vestibulum ante ipsum primis in faucibus orci luctus et ultrices posuere cubilia Curae; Pellentesque sit amet pede ac sem eleifend consectetuer. Nullam elementum, urna vel imperdiet sodales, elit ipsum pharetra ligula, ac pretium ante justo a nulla. Curabitur tristique arcu eu metus. Vestibulum lectus. Proin mauris. Proin eu nunc eu urna hendrerit faucibus. Aliquam auctor, pede consequat laoreet varius, eros tellus scelerisque quam, pellentesque hendrerit ipsum dolor sed augue. Nulla nec lacus. 111

## 4. How to Include Equations 112

Equations in L<sup>A</sup>T<sub>E</sub>X can either be inline or set as display equations. For inline equations use the \$...\$ commands. Eg: the equation  $H\psi = E\psi$  is written via the command \$H \backslash\psi = E \backslash\psi\$. 113 114 115

For display equations (with auto generated equation numbers) one can use the equation or eqnarray environments: 116 117

$$\|\tilde{X}(k)\|^2 \leq \frac{\sum_{i=1}^p \|\tilde{Y}_i(k)\|^2 + \sum_{j=1}^q \|\tilde{Z}_j(k)\|^2}{p+q}, \quad (1)$$

where 118

$$\begin{aligned} D_\mu &= \partial_\mu - ig \frac{\lambda^a}{2} A_\mu^a \\ F_{\mu\nu}^a &= \partial_\mu A_\nu^a - \partial_\nu A_\mu^a + g f^{abc} A_\mu^b A_\nu^c \end{aligned} \quad (2)$$

Notice the use of \nonumber in the align environment at the end of each line, except the last, so as not to produce equation numbers on lines where no equation numbers are required. The \label{} command should only be used at the last line of an align environment where \nonumber is not used. 119 120 121 122

$$Y_\infty = \left( \frac{m}{\text{GeV}} \right)^{-3} \left[ 1 + \frac{3 \ln(m/\text{GeV})}{15} + \frac{\ln(c_2/5)}{15} \right] \quad (3)$$

The class file also supports the use of \mathbb{}, \mathscr{} and \mathcal{} com- 123

mands. As such `\mathbb{R}`, `\mathscr{R}` and `\mathcal{R}` produces  $\mathbb{R}$ ,  $\mathscr{R}$  and  $\mathcal{R}$  [124](#)  
respectively [125](#)

Equations must be provided as editable text, either in a Word or LaTeX source file. [126](#)  
They should be numbered consecutively through the manuscript as shown in Equations [127](#)  
[1](#), [2](#) and [3](#). In APA style, when discussing numbered equations in the text, write out the [128](#)  
word “Equation” and give the number. For example, you would write “see Equation [1](#).” [129](#)  
Use no punctuation after the equation if it appears at the end of a sentence; however, [130](#)  
it is permissible (and may even be necessary) to place some form of punctuation after it [131](#)  
(a comma or semi-colon, for example) if it appears in the middle of the sentence and is [132](#)  
followed by text. In any case, maintain the coherence of all sentences with equations in [133](#)  
them. [134](#)

## 5. How to Include Tables

Use the table and tabular environments for basic tables — see Tables [1](#) and [2](#), for example. [136](#)  
Table [1](#) is an sample figure including table footnotes. For more information, please see [137](#)  
this help article on [tables](#). [138](#)

Table 1: Sample table with footnotes

column 1	column 2	column 3	column 4
row 1	data 1	data 2	data 3
row 2	data 4	data 5 <sup>1</sup>	data 6
row 3	data 7	data 8	data 9 <sup>2</sup>

Source: This is an example of table footnote. This is an example of table footnote.  
This is an example of table footnote. This is an example of table footnote. This is an  
example of table footnote.

<sup>1</sup> Example of a first table footnote.

<sup>2</sup> Example of a second table footnote.

Table 2: Example of a lengthy table which is set to full textwidth.

Project	Element 1 <sup>1</sup>			Element 2 <sup>2</sup>		
	Energy	$\sigma_{\text{calc}}$	$\sigma_{\text{expt}}$	Energy	$\sigma_{\text{calc}}$	$\sigma_{\text{expt}}$
Element 3	990 A	1168	$1547 \pm 12$	780 A	1166	$1239 \pm 100$
Element 4	500 A	961	$922 \pm 10$	900 A	1268	$1092 \pm 40$

Note: This is an example of table footnote this is an example of table footnote this is  
an example of table footnote this is an example of table footnote this is an example  
of table footnote.

<sup>1</sup> Example of a first table footnote.

<sup>2</sup> Example of a second table footnote.

## 6. How to Include Figures

139

First you have to upload the image file from your computer using the upload link in the 140 file-tree menu. Then use the `includegraphics` command to include it in your document. 141 Use the figure environment and the caption command to add a number and a caption to 142 your figure. See the code for Figure 1 in this section for an example. As shown in Figures 143 1 and 2, the images should be single-page documents. 144

Note that your figure will automatically be placed in the most appropriate place for 145 it, given the surrounding text and taking into account other figures or tables that may 146 be close by. You can find out more about adding images to your documents in this help 147 article on [including images on Overleaf](#). 148



Figure 1: This cat picture is located at the 'figures' folder.

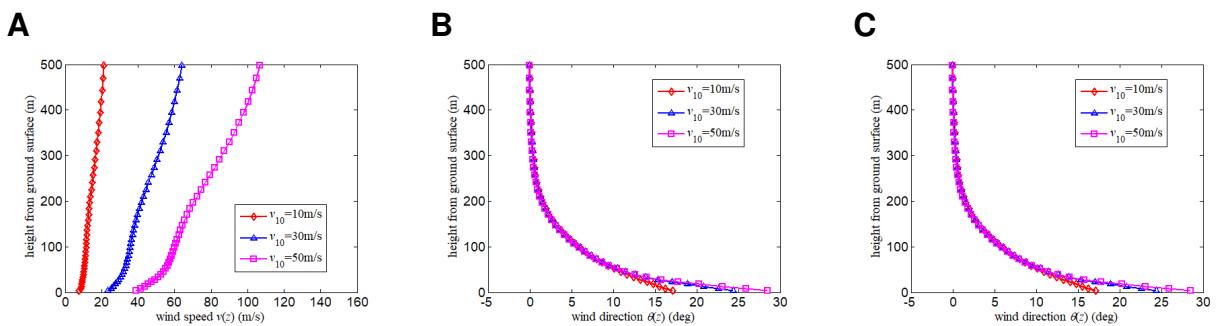


Figure 2: Overall caption for the three figures. (A) Caption for figure A. (B) Caption for figure B. (C) Caption for figure C.

If the figure contains multiple sub-figures, label each sub-figure at the top-left using 149 the Helvetica bold font with a capital letter (e.g., A, B, C, etc.). When citing figures 150 with multiple parts within the text, use the format "Figure 2A" and "Figure 2B". For the 151 figure caption, employ the format "(A)", "(B)", etc. 152

## 6.1 More information about figures

153

As per display L<sup>A</sup>T<sub>E</sub>X standards one has to use eps images for `latex` compilation and 154  
pdf/jpg/png images for `pdflatex` compilation. This is one of the major differences 155  
between `latex` and `pdflatex`. The images should be single-page documents. The com- 156  
mand for inserting images for `latex` and `pdflatex` can be generalized. The package used 157  
to insert images in `latex/pdflatex` is the `graphicx` package. Figures can be inserted via 158  
the normal figure environment as shown in the below example: 159

```
\begin{figure}[h]
    \centering\includegraphics{<eps-file>}
    \caption{<figure-caption>}
    \label{<figure-label>}
\end{figure}
```

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## 7. How to Include Algorithms, Program Codes, and 165 Listings 166

Packages `algorithm`, `algorithmicx`, and `algpseudocode` are used for setting algorithms 167  
in `latex`. For this, one has to use the below format: 168

```
\begin{algorithm}
    \caption{<alg-caption>}\label{<alg-label>}
\begin{algorithmic}[1]
    . . .
\end{algorithmic}
\end{algorithm}
```

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You may need to refer to the above-listed package documentation for more details 175  
before setting an `algorithm` environment. To set program codes, one has to use the 176  
`program` package. We need to use the `\begin{program} ... \end{program}` environment 177  
to set program codes. 178

Similarly, for `listings`, one has to use the `listings` package. To set environments 179  
similar to the `verbatim` environment, the `\begin{lstlisting} ... \end{lstlisting}` 180  
environment is used . Refer to the `lstlisting` package documentation for more details 181  
on this. 182

---

**Algorithm 1** Calculate  $y = x^n$ 

---

**Require:**  $n \geq 0 \vee x \neq 0$

**Ensure:**  $y = x^n$

```
1:  $y \Leftarrow 1$ 
2: if  $n < 0$  then
3:    $X \Leftarrow 1/x$ 
4:    $N \Leftarrow -n$ 
5: else
6:    $X \Leftarrow x$ 
7:    $N \Leftarrow n$ 
8: end if
9: while  $N \neq 0$  do
10:  if  $N$  is even then
11:     $X \Leftarrow X \times X$ 
12:     $N \Leftarrow N/2$ 
13:  else[ $N$  is odd]
14:     $y \Leftarrow y \times X$ 
15:     $N \Leftarrow N - 1$ 
16:  end if
17: end while
```

---

```
for i:=maxint to 0 do
begin
{ do nothing }
end;
Write('Case\u2022insensitive\u2022');
Write('Pascal\u2022keywords.'');
```

183

## 8. How to Include Lists

184

List in L<sup>A</sup>T<sub>E</sub>X can be of three types: numbered, bulleted, and unnumbered. The “enumerate” environment produces a numbered list, the “itemize” environment produces a 185  
bulleted list, and the “unlist” environment produces an unnumbered list. In each envir- 186  
onment, a new entry is added via the \item command. 187  
188

1. This is the 1st item 189
2. Enumerate creates numbered lists, itemize creates bulleted lists, and unnumerate 190  
creates unnumbered lists. 191
  - a. Second level numbered list. Enumerate creates numbered lists, itemize creates 192  
bulleted lists, and description creates unnumbered lists. 193
  - b. Second level numbered list. Enumerate creates numbered lists, itemize creates 194  
bulleted lists, and description creates unnumbered lists. 195

(i) Third level numbered list. Enumerate creates numbered lists, itemize creates bulleted lists, and description creates unnumbered lists.	<a href="#">196</a>
(ii) Third level numbered list. Enumerate creates numbered lists.	<a href="#">197</a>
c. Second level numbered list. Enumerate creates numbered lists, itemize creates bulleted lists, and description creates unnumbered lists.	<a href="#">198</a>
3. Numbered lists continue.	<a href="#">201</a>
Lists in L <sup>A</sup> T <sub>E</sub> X can be of three types: enumerate, itemize, and description. In each environment, a new entry is added via the \item command.	<a href="#">202</a>
• First level bulleted list. This is the 1st item	<a href="#">203</a>
• First level bulleted list. Itemize creates bulleted lists, and description creates unnumbered lists.	<a href="#">204</a>
– Second level dashed list. Itemize creates bulleted lists, and description creates unnumbered lists.	<a href="#">205</a>
– Second level dashed list. Itemize creates bulleted lists, and description creates unnumbered lists.	<a href="#">206</a>
• First level bulleted list. Bullet lists continue.	<a href="#">207</a>
Example of unnumbered list items:	<a href="#">208</a>
Sample unnumbered list text. Sample unnumbered list text. Sample unnumbered list text.	<a href="#">209</a>
Sample unnumbered list text. Sample unnumbered list text.	<a href="#">210</a>
Sample unnumbered list text. Sample unnumbered list text. Sample unnumbered list text.	<a href="#">211</a>
Sample unnumbered list text. Sample unnumbered list text. Sample unnumbered list text.	<a href="#">212</a>
Sample unnumbered list text.	<a href="#">213</a>
Sample unnumbered list text. Sample unnumbered list text. Sample unnumbered list text.	<a href="#">214</a>
Sample unnumbered list text.	<a href="#">215</a>
Sample unnumbered list text. Sample unnumbered list text. Sample unnumbered list text.	<a href="#">216</a>
Sample unnumbered list text.	<a href="#">217</a>

## 9. How to Add Citations and a References List

You can simply upload a .bib file containing your BibTeX entries, created with a tool such as JabRef. You can then cite entries from it, like this: Greenwade (1993). Just remember to specify a bibliography style, as well as the filename of the .bib. You can find a [video tutorial here](#) to learn more about BibTeX.

Here is an example citation when you want an author name like Collins et al. (2011) to appear in the text. And here's how to do a parenthetical citation, when you want to mention a reference at the end of a sentence or part of a sentence (Collins et al., 2013). It is possible to cite multiple references at the same time (Collins, 2011; Collins et al., 2016; Lunn, 2007a, 2007b; Ross, 2006; Shannon, 1948).

If you have an [upgraded account](#), you can also import your Mendeley or Zotero library directly as a .bib file, via the upload menu in the file-tree.

## 9.1 Citation in text

230

Please ensure that every reference cited in the text is also present in the reference list 231  
(and vice versa). Citations in the text should follow the referencing style used by the 232  
American Psychological Association. You are referred to the Publication Manual of the 233  
American Psychological Association (APA), Seventh Edition, ISBN 978-1-4338-3215-4, 234  
copies of which may be ordered online. References in the Abstract should be avoided, 235  
but if essential, then cite the author(s) and year(s). Unpublished results and personal 236  
communications are not recommended in the reference list but may be mentioned in the 237  
text. If these references are included in the reference list, they should follow the standard 238  
reference style of the journal and should include a substitution of the publication date 239  
with either ‘Unpublished results’ or ‘Personal communication’. The citation of a reference 240  
as ‘in press’ implies that the item has been accepted for publication. 241

An APA in-text citation includes only three items: the last name(s) of the author(s), 242  
the year the source was published, and sometimes the page or location of the information. 243  
More than one reference from the same author(s) in the same year must be identified by 244  
the letters ‘a’, ‘b’, ‘c’, etc., placed after the year of publication. The following paragraph 245  
shows examples of APA style of citations. 246

Here is an example citation when you want an author name like Collins et al. (2011) 247  
to appear in the text. And here’s how to do a parenthetical citation when you want to 248  
mention a reference at the end of a sentence or part of a sentence (Collins et al., 2013). It 249  
is possible to cite multiple references at the same time (Collins, 2011; Collins et al., 2016; 250  
Lunn, 2007a, 2007b; Ross, 2006; Shannon, 1948). 251

The followings are examples of \textcite{...}: Rahman & Adjeroh (2019), Horvath 252  
& Raj (2018) and Krizhevsky et al. (2012), and LeCun et al. (2015), Ravì et al. (2016) 253  
and Zhang et al. (2018). Another example of \parencite{...}: (Bahdanau et al., 2014; 254  
Imboden et al., 2018; Ji et al., 2012; Motiian et al., 2017; Murphy, 2012). 255

## 9.2 References

256

The Reference Section, also called the Reference List or Cited Works List, is a list of the 257  
full-text details of the in-text citations that have been used in the main text. It includes 258  
information such as the name of the author(s), the year the source was published, the full 259  
title of the source, and the URL or page range. The Reference Section allows the reader to 260  
find the text easily and can be considered as the long-hand format of the in-text citation. 261  
It is found at the end of the piece of writing. The works in a reference section should be 262  
arranged first alphabetically and then further sorted chronologically if necessary. 263

### 9.2.1 Web references

264

As a minimum, the full URL and the date when the reference was last accessed should 265  
be given. Any further information, if known (DOI, author names, dates, reference to a 266

source publication, etc.), should also be given. Web references can be listed separately 267  
(e.g., after the reference list) under a different heading if desired or can be included in the 268  
reference list. With standard numerical .bst files, only numerical citations are possible. 269  
With an author-year .bst file, both numerical and author-year citations are possible. 270

### 9.2.2 Examples of reference style 271

You can find information about the examples of APA-style references to various sources 272  
at the following site: 273

<https://apastyle.apa.org/style-grammar-guidelines/references/examples>. 274

## 10. Conclusions 275

Some conclusions here. 276

## Conflicts of Interest 277

The authors must declare conflicts of interest or state “The authors declare no conflict 278  
of interest.” Authors must identify and declare any personal circumstances or interests 279  
that may be perceived as inappropriately influencing the representation or interpretation 280  
of reported research results. A detailed definition of conflicts of interest is available at 281  
the following site: [https://academic.oup.com/journals/pages/authors/preparing\\_your\\_manuscript/ethics#conflict](https://academic.oup.com/journals/pages/authors/preparing_your_manuscript/ethics#conflict). 282  
283

## Author Contributions 284

The authors must specify the individual contributions of all authors, identified by full 285  
names, according to NISO CrediT (Contributer Roles Taxonomy) described at the fol- 286  
lowing site: <https://credit.niso.org/>. An example statement is as follows: 287

**Kunwoo Lee:** Conceptualization, Methodology, Software. **Shuming Gao:** Data cur- 288  
ation, Writing—original draft. **Sang Hun Lee:** Visualization, Investigation. **Jami J. 289  
Shah:** Supervision. **Hiromasa Suzuki:** Software, Validation. **Myung-Il Roh:** Writ- 290  
ing—review & editing. 291

## Funding 292

Cite all funding for your research, providing the grant number and the funder name. 293  
An example statement is as follows: This work is supported in part by funds from the 294  
National Science Foundation (NSF: # 1636933 and # 1920920). 295

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297

Where grants were received by specific members of the author group, they should be 298  
identified by initials. 299

More information on funding agency requirements is available at <https://academic.oup.com/pages/open-research/open-access/complying-with-funder-policies>. 300  
301

## Data Availability 302

The data availability statement should provide information on where and under what 303  
conditions the data directly supporting the publication can be accessed. Sample data 304  
availability statements are available at the following site: <https://academic.oup.com/pages/open-research/research-data#Data%20Availability%20Statements>. 305  
306

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## References 310

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- Collins, T. (2011). *Improved methods for pattern discovery in music, with applications in automated stylistic composition* [Doctoral dissertation, Faculty of Mathematics, Computing and Technology, The Open University]. 314  
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- Collins, T., Arzt, A., Flossmann, S., & Widmer, G. (2013). SIARCT-CFP: Improving precision and the discovery of inexact musical patterns in point-set representations [Retrieved 13 November, 2013 from <https://tomcollinsresearch.net/pdf/collinsEtAlISMIR2013.pdf>]. In A. S. Britto Jr, F. Gouyon & S. Dixon (Eds.), *Proceedings of the international society for music information retrieval conference* (pp. 549–554). International Society for Music Information Retrieval. 317  
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## Appendix A. Section Title of First Appendix 366

Appendices are used for supplementary material that is relevant to the main text but not essential for inclusion in the text itself—for example, questionnaires, interview transcripts, extended data tables, or equipment descriptions. 367  
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- If there is only one appendix, label it as “Appendix”; if there are multiple appendices, label them as “Appendix A,” “Appendix B,” and so on, arranging them in the order they appear in the paper. 370  
371  
372
- All appendices must be referenced in the main text, and only items that enhance the reader’s understanding or support your argument should be included. 373  
374
- Tables and figures in an appendix should be labeled separately (e.g., Table A1, Figure B1). 375  
376

### A.1 Fist subsection title of first appendix 377

As shown in Equation A1, the section number is inserted in the equation number. Sed feugiat. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Ut pellentesque augue sed urna. Vestibulum diam eros, fringilla et, consectetur eu, nonummy id, sapien. Nullam at lectus. In sagittis ultrices mauris. Curabitur malesuada erat sit amet massa. Fusce blandit. Aliquam erat volutpat. Aliquam euismod. Aenean vel lectus. Nunc imperdiet justo nec dolor. 378  
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$$Y_\infty = \left( \frac{m}{\text{GeV}} \right)^{-3} \left[ 1 + \frac{3 \ln(m/\text{GeV})}{15} + \frac{\ln(c_2/5)}{15} \right] \quad (\text{A1})$$

### A.2 Second subsection title of first appendix 384

As shown in Table A1, the section number is inserted in the table number. 385

Table A1: Sample table with three parts and five columns

column 1	column 2	column 3	column 4	column 5
row 1	data 0	data 1	data 2	data 3
row 2	data 4	data 5	data 6	data 7
row 3	data 8	data 9	data 10	data 11

#### A.2.1 Subsubsection title of first appendix 386

Etiam euismod. Fusce facilisis lacinia dui. Suspendisse potenti. In mi erat, cursus id, nonummy sed, ullamcorper eget, sapien. Praesent pretium, magna in eleifend egestas, pede pede pretium lorem, quis consectetur tortor sapien facilisis magna. Mauris quis 387  
388  
389

magna varius nulla scelerisque imperdiet. Aliquam non quam. Aliquam porttitor quam 390  
a lacus. Praesent vel arcu ut tortor cursus volutpat. In vitae pede quis diam bibendum 391  
placerat. Fusce elementum convallis neque. Sed dolor orci, scelerisque ac, dapibus nec, 392  
ultricies ut, mi. Duis nec dui quis leo sagittis commodo. 393

## Appendix B. Section Title of Second Appendix 394

As shown in Figure B1, the section number is inserted in the figure number. Aliquam 395  
lectus. Vivamus leo. Quisque ornare tellus ullamcorper nulla. Mauris porttitor pharetra 396  
tortor. Sed fringilla justo sed mauris. Mauris tellus. Sed non leo. Nullam elementum, 397  
magna in cursus sodales, augue est scelerisque sapien, venenatis congue nulla arcu et pede. 398  
Ut suscipit enim vel sapien. Donec congue. Maecenas urna mi, suscipit in, placerat ut, 399  
vestibulum ut, massa. Fusce ultrices nulla et nisl. 400

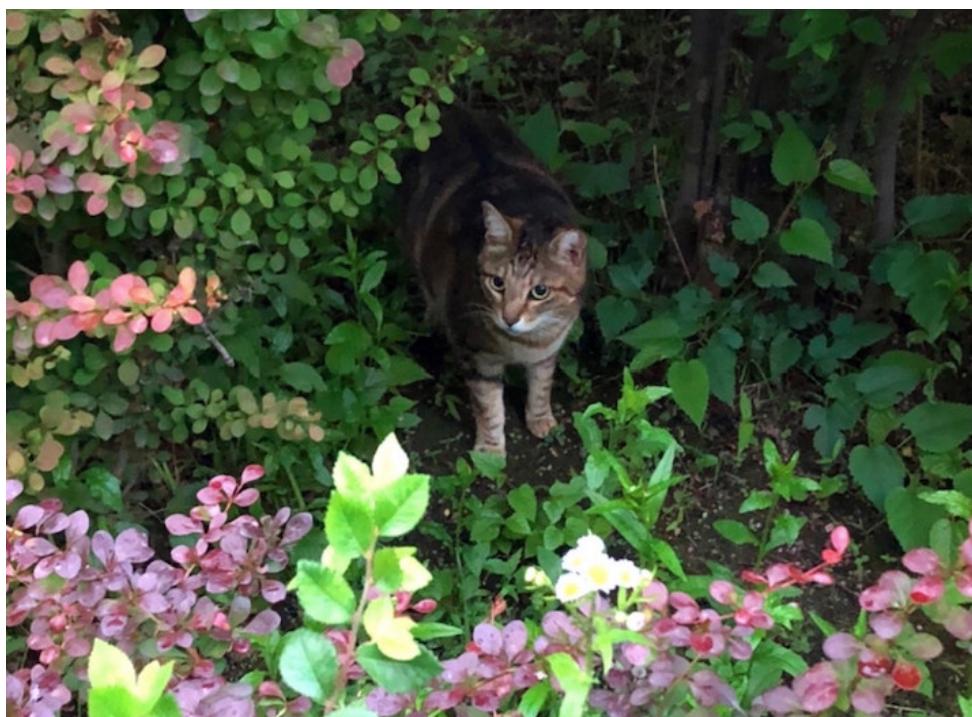


Figure B1: This cat picture is located at the 'figures' folder.

Etiam ac leo a risus tristique nonummy. Donec dignissim tincidunt nulla. Vestibulum 401  
rhoncus molestie odio. Sed lobortis, justo et pretium lobortis, mauris turpis condimentum 402  
augue, nec ultricies nibh arcu pretium enim. Nunc purus neque, placerat id, imperdiet 403  
sed, pellentesque nec, nisl. Vestibulum imperdiet neque non sem accumsan laoreet. In 404  
hac habitasse platea dictumst. Etiam condimentum facilisis libero. Suspendisse in elit 405  
quis nisl aliquam dapibus. Pellentesque auctor sapien. Sed egestas sapien nec lectus. 406  
Pellentesque vel dui vel neque bibendum viverra. Aliquam porttitor nisl nec pede. Proin 407  
mattis libero vel turpis. Donec rutrum mauris et libero. Proin euismod porta felis. Nam 408  
lobortis, metus quis elementum commodo, nunc lectus elementum mauris, eget vulputate 409  
ligula tellus eu neque. Vivamus eu dolor. 410

## B.1 Appendix subsection title here

411

Nulla in ipsum. Praesent eros nulla, congue vitae, euismod ut, commodo a, wisi. Pellen- 412  
tesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. 413  
Aenean nonummy magna non leo. Sed felis erat, ullamcorper in, dictum non, ultricies ut, 414  
lectus. Proin vel arcu a odio lobortis euismod. Vestibulum ante ipsum primis in faucibus 415  
orci luctus et ultrices posuere cubilia Curae; Proin ut est. Aliquam odio. Pellentesque 416  
massa turpis, cursus eu, euismod nec, tempor congue, nulla. Duis viverra gravida mauris. 417  
Cras tincidunt. Curabitur eros ligula, varius ut, pulvinar in, cursus faucibus, augue. 418