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**Title title title title title title title title title title**

Subtitle subtitle subtitle subtitle subtitle subtitle subtitle

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**A. Author One, B. Author Two and C. Author Three**

Affiliation Two Department Name City Name Country Name

**A. Author One and C. Author Two**

Affiliation Three Department Name City Name Country Name

# ABSTRACT

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∗ **Author’s notes**

Received DD MM YYYY; revised DD MM YYYY; accepted DD MM YYYY.

# NOMENCLATURE

*a* definition text

*a, b* definition text definition text APU definition text definition text *ci* definition text definition text

*CT* definition text

CAS definition text definition text

*E* definition text

*D* definition text

*f* definition text

*Fg* definition text

*F* definition text FCOM definition text

## Greek Symbol

α definition text

β definition text definition text

γ definition text definition text

δ definition text definition text

ξ definition text definition text

φ definition text definition text definition text definition text definition text definition text definition text definition text definition text

ψ definition text definition text

# FIRST-ORDER HEADING

This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text. This is an example of dummy text.

## Second-Order Heading

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† This is an example of first footnote.

## Lists

Here is an example of a numbered list:

1. List entry number 1 List entry number 1 List entry number 1 List entry number 1 List entry number 1 List entry number 1,
2. List entry number 2, List entry number 2, List entry number 2, List entry number 2, List entry number 2, List entry number 2,
3. List entry number 3,
4. List entry number 4, and
5. List entry number 5.

The following is an example of an *itemized*/*bulleted* list.

* This is an example of bulleted listing.
* This is an example of bulleted listing. This is an example of bulleted listing.

This is an example of bulleted listing. This is an example of bulleted listing. This is an example of bulleted listing.

•

This is an example of bulleted listing. This is an example of bulleted listing. This is an example of bulleted listing. This is an example of bulleted listing.

•

* This is an example of bulleted listing.

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* This is an example of bulleted listing.
* This is an example of bulleted listing. This is an example of bulleted listing.

This is an example of bulleted listing. This is an example of bulleted listing. This is an example of bulleted listing. It contains another list nested inside it. The inner list is an *enumerated* list.

•

* 1. This is the first item of an enumerated list that is nested within the itemized list.
  2. This is the second item of the inner list. LATEX allows you to nest lists deeper than you really should.

This is the rest of the second item of the outer list. It is no more interesting than any other part of the item.

* This is the third item of the list.

The default formatting of numbering can be changed as (1), (2), (3)..., for example,

1. List entry one.
2. List entry two.
3. List entry three.
4. List entry four.
5. List entry five.

The default formatting of numbering can be changed as (i), (ii), (iii)..., for example,

* 1. List entry one.
  2. List entry two.
  3. List entry three.
  4. List entry four.
  5. List entry five.

The default formatting of numbering can be changed as (a), (b), (c)..., for example,

1. List entry.
2. List entry two.
3. List entry three.
4. List entry four.
5. List entry five.

The default formatting of numbering can be changed as I, II, III..., for example,

1. List entry.
2. List entry two.
3. List entry three.
4. List entry four.
5. List entry five.

## Here is an example of extract

This is an example text of quote or extract. This is an example text of quote or extract. This is an example text of quote or extract. This is an example text of quote or extract. This is an example text of quote or extract. This is an example text of quote or extract. This is an example text of quote or extract. This is an example text of quote or extract.

This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text.

## Equations

Example of a single-line equation 1.

*a* = *b* ((Single Equation Numbered)) ... (1)

Equations can also be multiple lines as shown in Equations 2 and 3.

*c* = 0 ((Multiple Lines, Numbered)) ... (2)

*ac* = 0 ((Multiple Lines, Numbered)) ... (3) Unnumbered display equations single line:

Γψ' = *x*'' + *y*2 + *zn*

*i*

Unnumbered display equations multiple lines:

*c* = 0 ((Multiple Lines, Unnumbered))

*ac* = 0 ((Multiple Lines, Unnumbered))

* + 1. **Third-Order Heading**

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This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text.

This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text in Fig. 2.

This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This

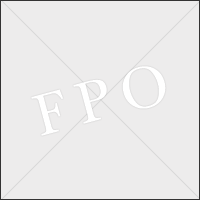


Figure 1. This is an example of a figure caption. (a) This is a description for part a, and (b) this is a description for part b.

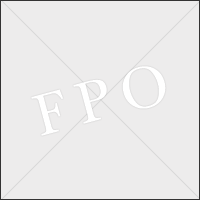


Figure 2. This is an example of a figure caption. (a) This is a description for part a, and (b) this is a description for part b.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Year** | **Single outlet** | **Table 1 Table caption**  **Small Large multiple*a* multiple** | | **Total** |
| 1982*b* | 98 | 129 | 620 | 847 |
| 1987 | 138 | 176 | 1000 | 1314 |
| 1991 | 173 | 248 | 1230 | 1651 |
| 1998 | 200 | 300 | 1500 | 2000 |

This is an example of unnumbered tablenote

*a*This is an example of first numbered tablenote

*b*This is an example of second numbered tablenote

is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text in Table 1.

Figure 3 shows the dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text in Table 2.

This is dummy text‡. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text in Table 2.

This is an example of theorem.

**Theorem 1.** *This is an example of enunciation. This is an example of enunciation. This is an example of enunciation. This is an example of enunciation. This is an example of enunciation. This is an example of enunciation.*

*AB* = LJ *aibi*

*i*

‡ This is an example of second footnote.

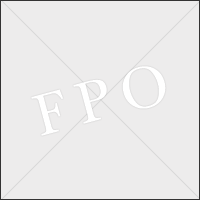


Figure 3. This is an example of a figure caption. This is an example of a figure caption. This is an example of a figure caption. This is an example of a figure caption. This is an example of a figure caption. This is an example of a figure caption. (a) This is a description for part a, and (b) this is a description for part b.

**Table 2**

**Table caption table caption table caption table caption table caption table caption table**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Column 1** | **Column 2** | **Column 3** | **Column 4** | **Column 5** |
| 460 | 2.12 | 1.04 | 8.63 | 3.48 |
| 476 | 2.24 | 0.94 | 9.22 | 3.73 |
| 676 | 3.71 | 1.67 | 16.36 | 6.00 |
| 572 | 2.86 | 1.29 | 11.90 | 4.56 |

a)First Table Footnote; b) Second Table Footnote.

# FIRST-ORDER HEADING

## Forth-Order Heading

This is an example of Lemma

**Lemma 1.** *This is an example of enunciation. This is an example of enunciation. This is an example of enunciation. This is an example of enunciation. This is an example of enunciation. This is an example of enunciation.*

*AB* = LJ *aibi*

*i*

**Theorem 2.** *This is an example of enunciation. This is an example of enunciation. This is an example of enunciation. This is an example of enunciation. This is an example of enunciation. This is an example of enunciation.*

*AB* = LJ *aibi*

*i*

**Theorem 3** (Math Detail)**.** *This is an example of enunciation. This is an example of enuncia- tion. This is an example of enunciation. This is an example of enunciation. This is an example*

*of enunciation. This is an example of enunciation.*

*AB* = LJ *aibi*

*i*

This is an example of Remarks.

**Remark 1.** *This is an example of enunciation. This is an example of enunciation. This is an example of enunciation. This is an example of enunciation. This is an example of enunciation. This is an example of enunciation.*

*AB* = LJ *aibi*

*i*

This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text. This is dummy text.

# ACKNOWLEDGEMENTS

This is an example of acknowledgement (1,2). This is an example of acknowledgement. This is an example of acknowledgement. This is an example of acknowledgement (3). This is an example of acknowledgement. This is an example of acknowledgement. This is an example of acknowledgement. This is an example of acknowledgement (4).

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* + 1. Author Surname, B. Advanced Aircraft Flight Performance, 2012, Cambridge Univer- sity Press.
    2. Author, C. Comprehensive analysis of transport aircraft flight performance, *Prog Aerospace Sci*, April 2000, **53**, (3), pp 192-236.
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    5. Author One, B.C., Author Two, D. and Author Three, D. Steep-descent manoeuvre of transport aircraft, *J Abcd*, September 2010, **55**, (6), pp 1927-1939.

# APPENDIX

**3.0 FIRST ORDER HEADING**

**Table 3**

**Table caption table caption table caption table caption table caption table caption table caption table caption table caption table caption table caption table caption table caption table caption**

## Span Col 3&4 Span Col 5& 6

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Column One** | **Column Two** | **Column Three** | **Column Four** | **Column Five** | **Column Six** |
| 6–31+G(d,p) | 460 | 2.12 | 1.04 | 8.63 | 3.48 |
| 6-31++G(d,p) | 476 | 2.24 | 0.94 | 9.22 | 3.73 |
| 6-31++G(df,p) | 676 | 3.71 | 1.67 | 16.36 | 6.00 |
| 6-311+G(d,p) | 572 | 2.86 | 1.29 | 11.90 | 4.56 |
| 6-311++G(3df,2p) | 1,060 | 7.54 | 3.25 | 36.70 | 11.45 |

a)Table Footnote

b) Second Table Footnote.

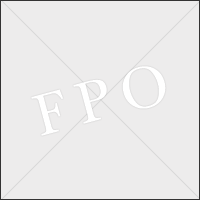
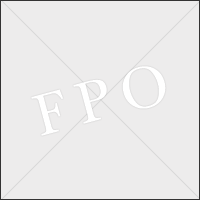
 

Figure 4. This is an example of a figure caption. (a) This is a description for part a,

and (b) this is a description for part b.

Figure 5. This is an example of a figure caption. (a) This is a description for part a,

and (b) this is a description for part b.