

Paper Title

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Abstract: *The abstract must summarise the main content of the paper, and may be up to approximately 100 words in length. Unlike previous OSME publications, the abstract will be included in the proceedings. This abstract needs not be the same as that submitted for acceptance to the conference.*

1 Introduction

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2 Section Heading

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2.1 Subsection Heading

The equations are numbered, so they can be cross-referenced. Equation 1 shows the cross-product of vector \mathbf{r} with vector \mathbf{F} .

$$\mathbf{M} = \mathbf{r} \times \mathbf{F} \tag{1}$$

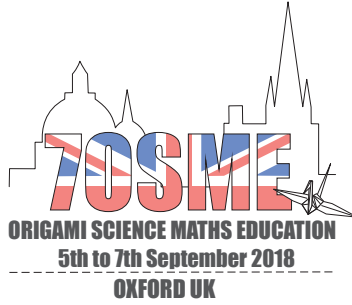


Figure 1: The caption provides a brief description of the figure. The 7OSME logo shows Oxford's dreaming spires.

The equation numbering is optional

$$\mathbf{M} = \mathbf{r} \times \mathbf{F}$$

Equation 2 has two aligned equations, but with a single equation number.

$$\begin{aligned} \mathbf{p} &= m\mathbf{v} \\ \mathbf{H} &= \mathbf{I}\omega \end{aligned} \tag{2}$$

Alternatively, each equation has its own number (Equations 3 and 4).

$$\mathbf{F} = \begin{bmatrix} F_x \\ F_y \end{bmatrix} \tag{3}$$

$$\mathbf{F} = m\mathbf{a} \tag{4}$$

Theorem 1. *Theorem text goes here.*

Proof. Proof text goes here. □

References to literature are handled using BibTeX. Sources can be cited individually [Smith and Doe 17] or multiple citations can be combined [Wang-Iverson et al. 11, Miura et al. 15].

Figures should be high resolution bitmaps (300dpi or higher) or vector graphics. For photographs, use .jpg files; for line drawings or sketches use .png files or vector graphics such as .pdf. Using .jpg files for line drawings will make the lines blurry.

Coloured figures will appear in colour in the electronic version of the proceedings, but black and white in print. Please make sure that all figures are legible in greyscale.

2.1.1 Subsubsection Heading

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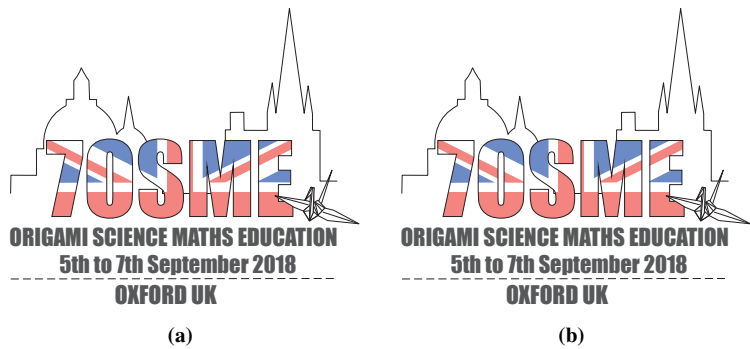


Figure 2: Two sub-figures where both (a) and (b) show the 7OSME logo.

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2.1.2 Subsubsection Heading

A list of items can use bullet points,

- item one
- item two
 - sub-item 1
 - sub-item 2

or can be numbered:

1. item one
 - (a) sub-item 1
 - (b) sub-item 2
2. item two

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Table 1: A simple table.

fruit	apples	pears
vegetables	cauliflower	courgette

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.

3 Results

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.

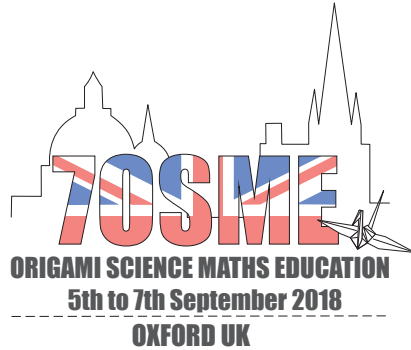


Figure 3: *In some situations, for example if a figure is tall and narrow, a side caption might be preferable. The caption will be placed on the outer margin of the page.*

4 Conclusions

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References

- [Miura et al. 15] Koryo Miura, Toshikazu Kawasaki, Tomohiro Tachi, Ryuhei Uehara, Robert J. Lang; and Patsy Wang-Iverson, editors. *Origami 6, I: Mathematics*. American Mathematical Society, 2015.

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[Smith and Doe 17] John Smith and Jane Doe. “A Very Interesting Article.” *Journal of Interesting Topics* 5:1 (2017), 10–15.

[Wang-Iverson et al. 11] Patsy Wang-Iverson, Robert J. Lang; and Mark YIM, editors. *Origami 5: Fifth International Meeting of Origami Science, Mathematics, and Education*. A K Peters/CRC Press, 2011. doi:10.1201/b10971.

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