Title

Author's name (or authors' names)

Abstract

Put the abstract here.

1 Section heading

1.1 Subsection heading

1.1.1 Subsubsection heading

Example 1.1 Here is an example.

Definition 1.2 Here is a definition.

Lemma 1.3 *Here is a lemma.*

Theorem 1.4 *Here is a theorem.*

Proof Proof using the proof environment. □

Conjecture 1.5 *Here is a conjecture.*

Remark Here is a remark.

The full list of environments defined by the style file is: `blank` - a new numbered paragraph, `claim` - Claim, `cond` - Conditions, `conj` - Conjecture `cor` - Corollary, `Def` - Definition, `diag` - Diagram, `lemma` - Lemma `prop` - Proposition, `qn` - Question, `result` - Result, and `theorem` - Theorem.

Also there are unnumbered environments: `aside` - Comment, `notn` - Notation, `proof` - Proof and `rem` - Remark.

Some maths commands are already defined, including $\mathbf{R}$, $\mathbf{Z}$ and $\mathbf{N}$ for the reals, integers and natural numbers.

Please use italics when defining a word for the first time.

Acknowledgements

Put any acknowledgements here.

References

[1] names of author(s), paper title, *journal title* **volume** (year), 2000–3000.

[2] name of author(s) (should be A. N. Onymous format), article title, *journal title book title*, in *proceedings title* (ed. editor name, single editor), *series name for book series*, publisher, location of publisher various extra details, **volume number for journals** (year of journal), (for year of book). (for year of proceedings), page numbers. pp. page numbers in a proceedings.

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