

# An Introduction to T<sub>E</sub>X

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T<sub>E</sub>X is a computer language designed for document preparation; it is ideal for dissertations, theses and scientific papers, and also for presentations. T<sub>E</sub>X produces documents of typographic quality superior to word-processors, including MS Word, and is especially valuable for writing documents containing a lot of mathematics — the results look far better and the composition is much easier.

Many scientific journals and books are produced using T<sub>E</sub>X.

Most users find there is a steep learning curve to be travelled before T<sub>E</sub>X can be used effectively; L<sup>A</sup>T<sub>E</sub>X greatly eases matters by providing templates and environments for just about every type of document conceivable including letters, theses, papers and presentations.

In this course we introduce: basic L<sup>A</sup>T<sub>E</sub>X documents; typesetting of mathematics; inclusion of graphics in documents; producing PDF documents; bibliographies using BibT<sub>E</sub>X; and more.

The course is available on line at:

- <http://dormouse.rcs.manchester.ac.uk/~simonh/>
- <http://talby.rcs.manchester.ac.uk/~rcs/>