

# ltxpprt with `\usepackage{algorithm2e}` for SIAM IMR

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## Abstract

An abstract is a brief summary of the paper's contributions, written for experts. We give an example tex file that typesets pseudocode using the package `algorithm2e`, for SIAM IMR papers and research notes, etc.

## 1 Introduction.

An introduction is a gentler description and summary of the paper than the abstract, written for non-experts. It describes the paper's concepts, contribution, context and significance. Open the `algorithm2e.tex` file in a  $\text{\LaTeX}$  or plain text editor for a working example of how to typeset pseudocode.

## 2 Algorithm

**Data:** this text

**Result:** how to write algorithm with  $\text{\LaTeX}2\epsilon$  initialization;

**while** *not at end of this document* **do**

    read current;

**if** *understand* **then**

        go to next section;

        current section becomes this one;

**else**

        go back to the beginning of current section;

**end**

**end**

**Algorithm 1:** How to write algorithms

This is the example algorithm given by the package. I didn't convert a real algorithm into this syntax

since I'm unfamiliar with it. But it looks very nice and I think I should try to use it in the future.

## Acknowledgements

I thank Thouis Ray Jones for suggesting this problem to me in 2012, and my institution for funding me.

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