A Sample Paper for PRIMS

To Professor XXX on the occasion of YYY

by

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Abstract

This is a sample paper for PRIMS. For the subject classification, use the 2010 Mathematics Subject Classification available at www.ams.org/msc.

2010 Mathematics Subject Classification: Primary XXXX; Secondary YYYYY.

Keywords: aaaa, bbbb, cccc.

§1. Introduction

Note that equation numbers are placed on the left. The examples below are included to illustrate some \LaTeX constructions.

§1.1. Theorems etc.

Theorem 1.1 (Maximum Principle, see also [Sh, Theorem 5]). If (\ldots), then the following conditions are equivalent:

(i) first item,
(ii) second item.

Proof. Observe that

\begin{align*}
AAAAAAA & = BBBBBBBBBB \\
& + CCCCCCCCCC \\
& = DDDDDDDDDDDDD.
\end{align*}

Communicated by XX. Received XXX. Revised XXXX.

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Now apply induction on $n$ to (1.1).

**Definition 1.2.** A system $S$ is said to be *admissible* if $S \in B$.

**Remark.** An unnumbered remark.

**Main Theorem 1.3.** *Here comes the statement of a numbered theorem with a fancy name.*

**1.1.1. Subsubsection.** This paragraph is only included to show the appearance of a subsubsection.

**Acknowledgements**

This research was partly supported by NSF (grant no. XXXX).

**References**


